

Anti-Ubiquitin (linkage-specific K27) antibody [EPR17034] ab181537

リコンビナント RabMAb

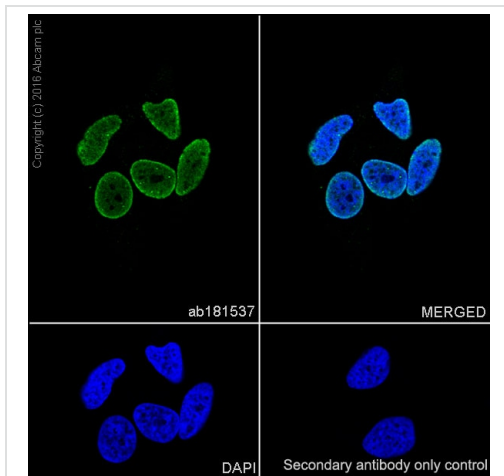
★★★★☆ **1 Abreviews** **14 References** 画像数 10

製品の概要

| | |
|--------------|--|
| 製品名 | Anti-Ubiquitin (linkage-specific K27) antibody [EPR17034] |
| 製品の詳細 | Rabbit monoclonal [EPR17034] to Ubiquitin (linkage-specific K27) |
| 由来種 | Rabbit |
| アプリケーション | 適用あり: IHC-P, WB, Flow Cyt (Intra), ICC/IF |
| 種交差性 | 交差種: Mouse, Rat, Human, Recombinant fragment |
| 免疫原 | Synthetic peptide. This information is proprietary to Abcam and/or its suppliers. |
| ポジティブ・コントロール | WB: K27-linked-Ub2 recombinant protein. C6, RAW 264.7, PC-12, NIH/3T3, HeLa, 293T and Jurkat whole cell lysates. Rat and Mouse brain, heart, kidney and spleen lysates. IHC-P: Human transitional cell carcinoma of bladder tissue. Mouse and Rat spleen tissue. Flow Cyt (intra): Jurkat cells. |
| 特記事項 | <p>This product is a recombinant monoclonal antibody, which offers several advantages including:</p> <ul style="list-style-type: none">- High batch-to-batch consistency and reproducibility- Improved sensitivity and specificity- Long-term security of supply- Animal-free production <p>For more information see here.</p> <p>Our RabMAb[®] technology is a patented hybridoma-based technology for making rabbit monoclonal antibodies. For details on our patents, please refer to RabMAb[®] patents.</p> |

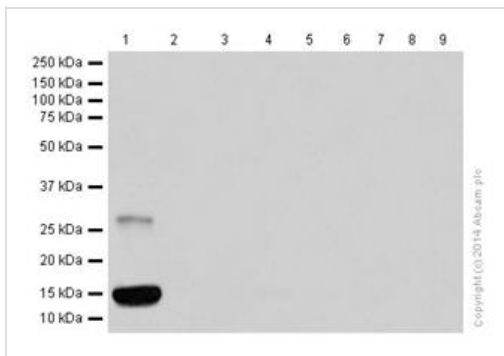
製品の特性

| | |
|-------|---|
| 製品の状態 | Liquid |
| 保存方法 | Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term. Avoid freeze / thaw cycle. |
| バッファー | Preservative: 0.01% Sodium azide Constituents: PBS, 40% Glycerol (glycerin, glycerine), 0.05% BSA |
| 精製度 | Protein A purified |
| ポリ/モノ | モノクローナル |



Immunocytochemistry/ Immunofluorescence - Anti-Ubiquitin (linkage-specific K27) antibody [EPR17034] (ab181537)

Immunocytochemistry/Immunofluorescence analysis of HeLa (Human epithelial cell line from cervix adenocarcinoma) labelling Ubiquitin (linkage-specific K27) with purified ab181537 at 1/1000. Cells were fixed with 4% PFA and permeabilized with 0.1% triton X-100. **ab150077** Goat anti rabbit IgG (Alexa Fluor® 488) at 1/1000 was used as the secondary antibody. Nuclei were counterstained with DAPI. PBS was used instead of the primary antibody as the negative control.



Western blot - Anti-Ubiquitin (linkage-specific K27) antibody [EPR17034] (ab181537)

All lanes : Anti-Ubiquitin (linkage-specific K27) antibody [EPR17034] (ab181537) at 1/5000 dilution

- Lane 1** : K27-linked-Ub2 recombinant protein
- Lane 2** : K6-linked-Ub2 recombinant protein
- Lane 3** : K11-linked-Ub2 recombinant protein
- Lane 4** : K29-linked-Ub2 recombinant protein
- Lane 5** : K33-linked-Ub2 recombinant protein
- Lane 6** : K48-linked-Ub2 recombinant protein
- Lane 7** : K63-linked-Ub2 recombinant protein
- Lane 8** : Ubiquitin recombinant protein
- Lane 9** : Ubiquitin linear recombinant protein

Lysates/proteins at 0.02 µg per lane.

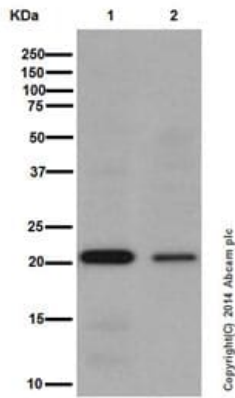
Secondary

All lanes : Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/1000 dilution

Blocking/dilution buffer: 5% BSA/TBST.

Expected MW is ~17kDa (8.5*2)

The ~30kDa band may be the dimer of K27-linked-Ub2 recombinant protein.



Western blot - Anti-Ubiquitin (linkage-specific K27) antibody [EPR17034] (ab181537)

All lanes : Anti-Ubiquitin (linkage-specific K27) antibody

[EPR17034] (ab181537) at 1/50000 dilution

Lane 1 : 293T (Human epithelial cells from embryonic kidney)

whole cell lysates

Lane 2 : Jurkat (Human T cell leukemia cells from peripheral blood)

whole cell lysates

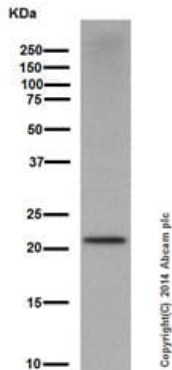
Lysates/proteins at 10 µg per lane.

Secondary

All lanes : Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/1000 dilution

Observed band size: 26 kDa

Blocking/Dilution buffer: 5% BSA/TBST.



Western blot - Anti-Ubiquitin (linkage-specific K27) antibody [EPR17034] (ab181537)

Anti-Ubiquitin (linkage-specific K27) antibody [EPR17034]

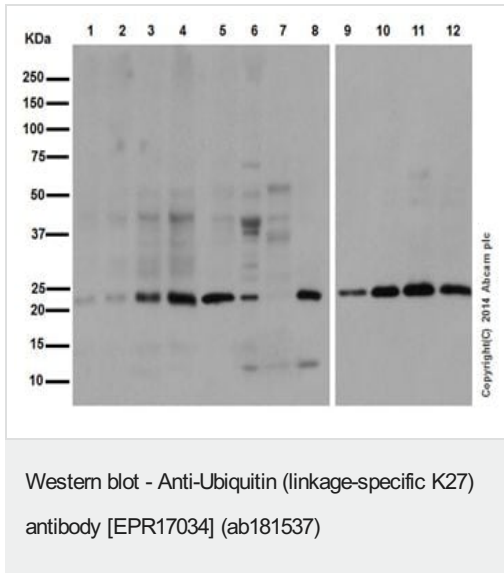
(ab181537) at 1/5000 dilution + HeLa (Human epithelial cells from cervix adenocarcinoma) whole cell lysates at 10 µg

Secondary

Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/1000 dilution

Observed band size: 26 kDa

Blocking/dilution buffer: 5% BSA/TBST.



All lanes : Anti-Ubiquitin (linkage-specific K27) antibody [EPR17034] (ab181537) at 1/5000 dilution

Lane 1 : Mouse brain lysates

Lane 2 : Mouse heart lysates

Lane 3 : Mouse kidney lysates

Lane 4 : Mouse spleen lysates

Lane 5 : Rat brain lysates

Lane 6 : Rat heart lysates

Lane 7 : Rat kidney lysates

Lane 8 : Rat spleen lysates

Lane 9 : C6 (Rat glial tumor cells) whole cell lysates

Lane 10 : RAW 264.7 (Mouse macrophage cells transformed with Abelson murine leukemia virus) whole cell lysates

Lane 11 : PC-12 (Rat adrenal gland pheochromocytoma) whole cell lysates

Lane 12 : NIH/3T3 (Mouse embryo fibroblast cells) whole cell lysates

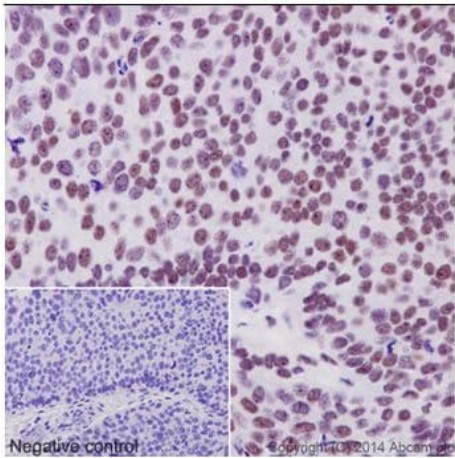
Lysates/proteins at 10 µg per lane.

Secondary

All lanes : Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/1000 dilution

Observed band size: 14,26 kDa

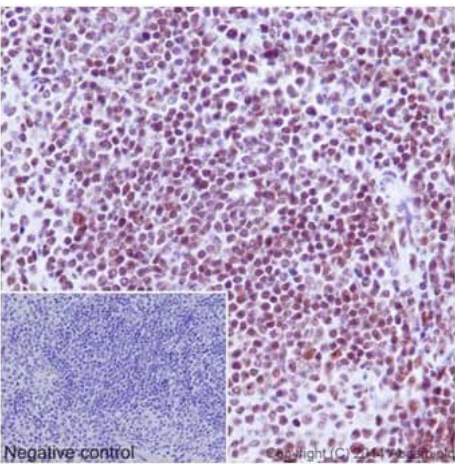
Blocking/dilution buffer: 5% BSA/TBST.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Ubiquitin (linkage-specific K27) antibody [EPR17034] (ab181537)

Immunohistochemical analysis of paraffin-embedded Human transitional cell carcinoma of bladder labeling Ubiquitin (linkage-specific K27) with ab181537 at 1/500 dilution followed by Goat Anti-Rabbit IgG H&L (HRP) (**ab97051**) at 1/500 dilution. Nuclear staining on cancer cells of Human bladder transitional cell carcinoma is observed. Counter stained with Hematoxylin. Negative control: Used PBS instead of primary antibody.

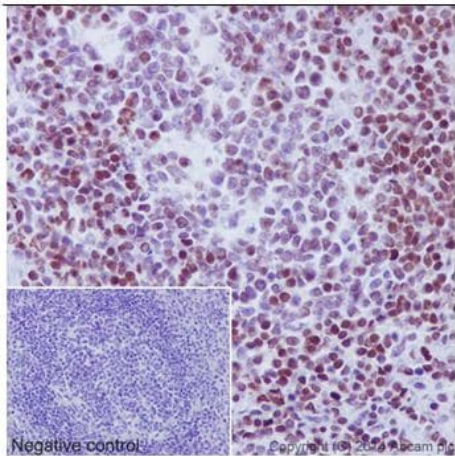
Perform heat mediated antigen retrieval with Tris/EDTA buffer pH 9.0 before commencing with IHC staining protocol.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Ubiquitin (linkage-specific K27) antibody [EPR17034] (ab181537)

Immunohistochemical analysis of paraffin-embedded Mouse spleen tissue labeling Ubiquitin (linkage-specific K27) with ab181537 at 1/500 dilution followed by Goat Anti-Rabbit IgG H&L (HRP) (**ab97051**) at 1/500 dilution. Nuclear staining on lymphocytes of Mouse spleen is observed. Counter stained with Hematoxylin. Negative control: Used PBS instead of primary antibody.

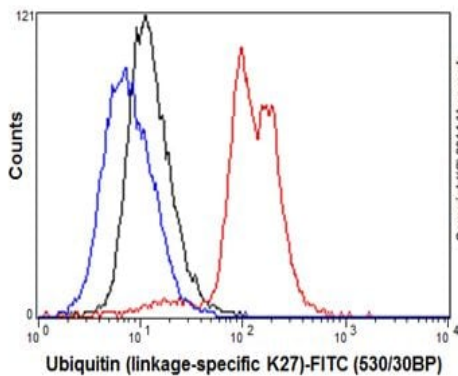
Perform heat mediated antigen retrieval with Tris/EDTA buffer pH 9.0 before commencing with IHC staining protocol.



Immunohistochemical analysis of paraffin-embedded Rat spleen tissue labeling Ubiquitin (linkage-specific K27) with ab181537 at 1/500 dilution followed by Goat Anti-Rabbit IgG H&L (HRP) (**ab97051**) at 1/500 dilution. Nuclear staining on lymphocytes of Rat spleen is observed. Counter stained with Hematoxylin. Negative control: Used PBS instead of primary antibody.

Perform heat mediated antigen retrieval with Tris/EDTA buffer pH 9.0 before commencing with IHC staining protocol.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Ubiquitin (linkage-specific K27) antibody [EPR17034] (ab181537)



Intracellular flow cytometric analysis of 2% paraformaldehyde-fixed Jurkat (Human T cell leukemia cells from peripheral blood) cells labeling Ubiquitin (linkage-specific K27) with ab181537 at 1/160 dilution (red). The secondary antibody was Goat anti rabbit IgG (FITC) at 1/150 dilution. The isotype control is Rabbit monoclonal IgG (black) and cell without incubation with primary antibody and secondary antibody is blue.

Flow Cytometry (Intracellular) - Anti-Ubiquitin (linkage-specific K27) antibody [EPR17034] (ab181537)

Why choose a recombinant antibody?



Research with confidence
Consistent and reproducible results



Long-term and scalable supply
Recombinant technology



Success from the first experiment
Confirmed specificity



Ethical standards compliant
Animal-free production

Anti-Ubiquitin (linkage-specific K27) antibody
[EPR17034] (ab181537)

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