

Anti-Nectin 2 antibody [EPR6717] ab135246

リコンビナント RabMAb

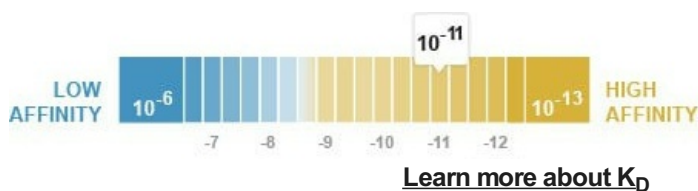
12 References **画像数 6**

製品の概要

製品名	Anti-Nectin 2 antibody [EPR6717]
製品の詳細	Rabbit monoclonal [EPR6717] to Nectin 2
由来種	Rabbit
特異性	ab135246 does not recognize Isoform Alpha of human Nectin-2.
アプリケーション	適用あり: Flow Cyt (Intra), WB, ICC/IF, IP 適用なし: IHC-P
種交差性	交差種: Mouse, Rat, Human
免疫原	Synthetic peptide within Human Nectin 2 aa 500-600 (intracellular). The exact sequence is proprietary.
ポジティブ・コントロール	Flow Cyt (intra): HUVEC cells; ICC/IF: HT-29 cells; WB: HT-29 and SW480 cells, mouse and rat brain lysate; IP: SW480 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. Upon delivery aliquot and store at -20°C. Avoid repeated freeze / thaw cycles.
解離定数 (K _D 値)	K _D = 5.30 x 10 ⁻¹¹ M



バッファー	pH: 7.20 Preservative: 0.01% Sodium azide Constituents: 59% 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
クローン名	EPR6717
アイソタイプ	IgG

アプリケーション

The Abpromise guarantee Abpromise保証は、 次のテスト済みアプリケーションにおけるab135246の使用に適用されます
アプリケーションノートには、推奨の開始希釈率がありますが、適切な希釈率につきましてはご検討ください。

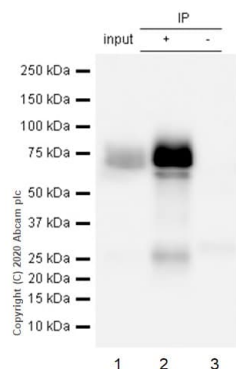
アプリケーション	Abreviews	特記事項
Flow Cyt (Intra)		1/20. ab172730 - Rabbit monoclonal IgG, is suitable for use as an isotype control with this antibody.
WB		1/1000 - 1/10000. Predicted molecular weight: 58 kDa.
ICC/IF		1/50. For unpurified use at 1/250 - 1/500
IP		1/20.

追加情報 Is unsuitable for IHC-P.

ターゲット情報

機能	Probable cell adhesion protein.
組織特異性	Ubiquitous.
配列類似性	Belongs to the nectin family. Contains 2 Ig-like C2-type (immunoglobulin-like) domains. Contains 1 Ig-like V-type (immunoglobulin-like) domain.
細胞内局在	Cell membrane.

画像



Immunoprecipitation - Anti-Nectin 2 antibody
[EPR6717] (ab135246)

Purified ab135246 at 1/20 dilution (1µg) immunoprecipitating Nectin 2 in SW480 whole cell lysate.

Lane 1 (input): SW480 (Human colorectal adenocarcinoma epithelial cell) whole cell lysate 10µg

Lane 2 (+): ab135246 + SW480 whole cell lysate.

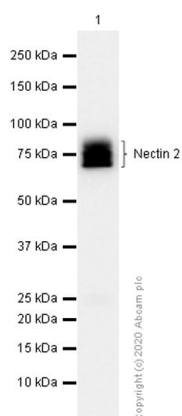
Lane 3 (-): Rabbit monoclonal IgG (**ab172730**) instead of ab135246 in SW480 whole cell lysate.

VeriBlot for IP Detection Reagent (HRP) (**ab131366**) (1/1000 dilution) was used for Western blotting.

Blocking Buffer and concentration: 5% NFDM/TBST.

Diluting buffer and concentration: 5% NFDM/TBST.

Observed band size: 70-85 kDa



Western blot - Anti-Nectin 2 antibody [EPR6717]
(ab135246)

Anti-Nectin 2 antibody [EPR6717] (ab135246) at 1/1000 dilution (Purified) + SW480 (Human colorectal adenocarcinoma epithelial cell) whole cell lysate at 15 µg

Secondary

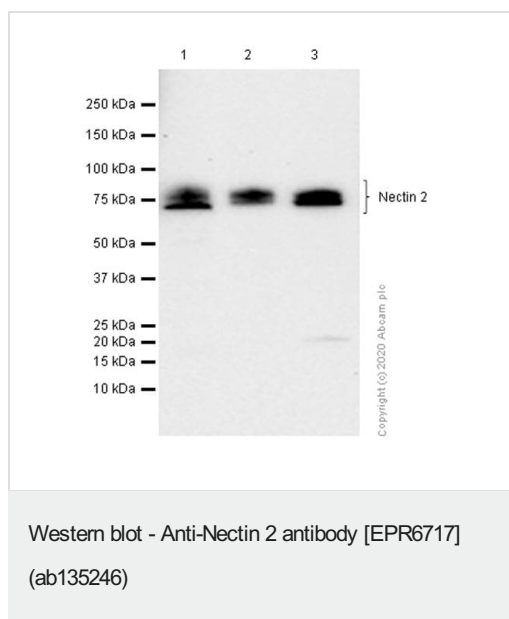
Goat Anti-Rabbit IgG H&L (HRP) (**ab97051**) at 1/20000 dilution

Predicted band size: 58 kDa

Observed band size: 70-85 kDa

The molecular weight observed is consistent with what has been described in the literature (PMID: 15108322, PMID:12445825 and PMID:12913096).

Blocking Buffer and concentration: 5% NFDM/TBST



All lanes : Anti-Nectin 2 antibody [EPR6717] (ab135246) at 1/1000 dilution (Purified)

Lane 1 : HT-29 (Human colorectal adenocarcinoma epithelial cell) whole cell lysate

Lane 2 : Mouse brain lysate

Lane 3 : Rat brain lysate

Lysates/proteins at 20 µg per lane.

Secondary

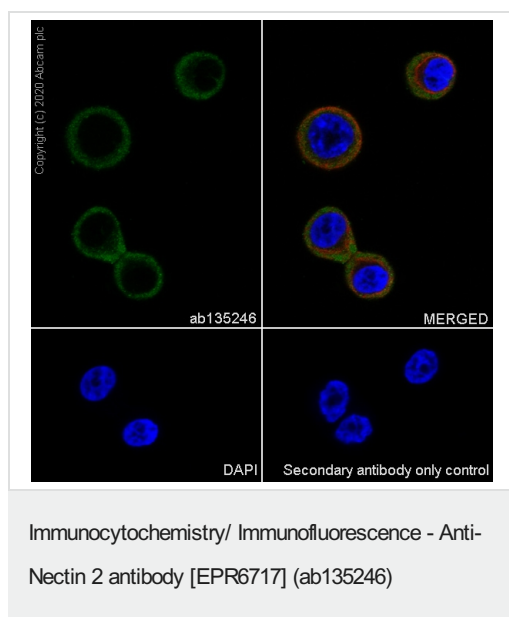
All lanes : Goat Anti-Rabbit IgG H&L (HRP) ([ab97051](#)) at 1/20000 dilution

Predicted band size: 58 kDa

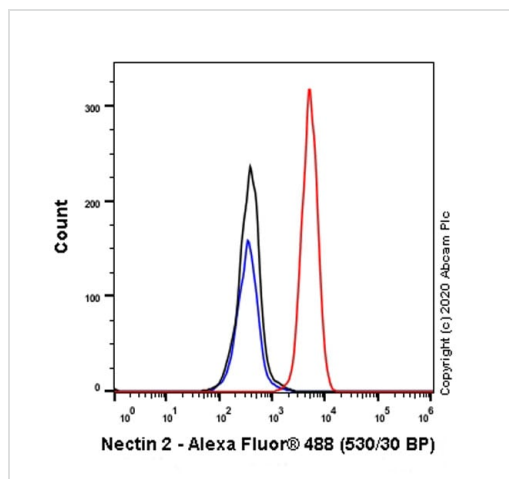
Observed band size: 70-85 kDa

The molecular weight observed is consistent with what has been described in the literature (PMID: 15108322, PMID:12445825 and PMID:12913096).

Blocking Buffer and concentration: 5% NFDM/TBST







Immunocytochemistry analysis of HT-29 (Human colorectal adenocarcinoma epithelial cell) cells labeling Nectin 2 with Purified ab135246 at 1:50 dilution (3.06 µg/ml). Cells were fixed in 4% Paraformaldehyde and permeabilized with 0.1% tritonX-100. Cells were counterstained with Ab195889 Anti-alpha Tubulin antibody [DM1A] - Microtubule Marker (Alexa Fluor® 594) 1:200 (2.5 µg/ml). Goat anti rabbit IgG (Alexa Fluor® 488, [ab150077](#)) was used as the secondary antibody at 1:1000 (2 µg/ml) dilution. DAPI (blue) was used as nuclear counterstain. PBS instead of the primary antibody was used as the secondary antibody only control.



Flow Cytometry (Intracellular) - Anti-Nectin 2 antibody [EPR6717] (ab135246)

Intracellular Flow Cytometry analysis of HUVEC (Human umbilical vein endothelial cell) cells labeling Nectin 2 with Purified ab135246 at 1/20 dilution (10µg/ml) (Red). Cells were fixed with 4% Paraformaldehyde and permeabilised with 90% Methanol. A Goat anti rabbit IgG (Alexa Fluor® 488, **ab150077**) secondary antibody was used at 1/2000. Isotype control - Rabbit monoclonal IgG (Black). Unlabeled control - Cell without incubation with primary antibody and secondary antibody (Blue).

Why choose a recombinant antibody?

 <p>Research with confidence Consistent and reproducible results</p>	 <p>Long-term and scalable supply Recombinant technology</p>
 <p>Success from the first experiment Confirmed specificity</p>	 <p>Ethical standards compliant Animal-free production</p>

Anti-Nectin 2 antibody [EPR6717] (ab135246)

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