

Anti-NUP98 antibody [EPR6678] - Nuclear Pore Marker ab124980

リコンビナント RabMAb

★★★★★ [1 Abreviews](#) [1 References](#) [画像数 4](#)

製品の概要

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|--------------|--|
| 製品名 | Anti-NUP98 antibody [EPR6678] - Nuclear Pore Marker |
| 製品の詳細 | Rabbit monoclonal [EPR6678] to NUP98 - Nuclear Pore Marker |
| 由来種 | Rabbit |
| 特異性 | ab124980 recognises Nuclear pore complex protein Nup96 of Nuclear pore complex protein Nup98-Nup96. |
| アプリケーション | 適用あり: WB, IHC-P, ICC/IF 適用なし: Flow Cyt or IP |
| 種交差性 | 交差種: Human |
| 免疫原 | Synthetic peptide within Human NUP98 aa 1600-1700. The exact sequence is proprietary. The immunogen sequence is within Nuclear pore complex protein Nup96 of the Nuclear pore complex protein Nup98-Nup96. Database link: P52948 |
| ポジティブ・コントロール | HeLa, SH-SY5Y, and Caco-2 cell lysates and Human colon tissue. |
| 特記事項 | This product is a recombinant monoclonal antibody, which offers several advantages including: <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 For more information see here . Our RabMAb [®] technology is a patented hybridoma-based technology for making rabbit monoclonal antibodies. For details on our patents, please refer to RabMAb[®] patents . Mouse, Rat: We have preliminary internal testing data to indicate this antibody may not react with these species. Please contact us for more information. |

製品の特性

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| 製品の状態 | Liquid |
| 保存方法 | Shipped at 4°C. Store at -20°C. Stable for 12 months at -20°C. |

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| バッファー | pH: 7.2 Preservative: 0.01% Sodium azide Constituents: 9% PBS, 40% Glycerol (glycerin, glycerine), 0.05% BSA, 50% Tissue culture supernatant |
| 精製度 | Protein A purified |
| 特記事項 (精製) | Not purified; provided in cell supernatant and storage buffer. |
| ポリモノ | モノクローナル |
| クローン名 | EPR6678 |
| 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ab124980の使用に適用されず**
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 |
|----------|-----------|--|
| WB | | 1/1000 - 1/10000. Predicted molecular weight: 188 kDa. |
| IHC-P | | 1/50 - 1/100. Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol. Antigen retrieval is recommended. |
| ICC/IF | | 1/50 - 1/100. |

追加情報 Is unsuitable for Flow Cyt or IP.

ターゲット情報

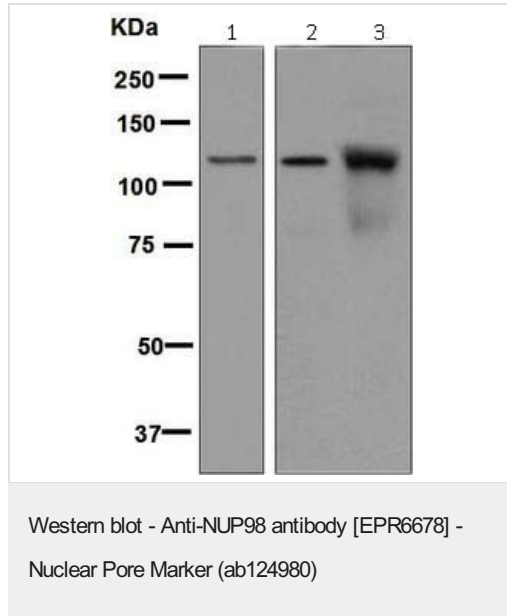
| | |
|--------------|---|
| 機能 | Nup98 and Nup96 play a role in the bidirectional transport across the nucleoporin complex (NPC). The repeat domain in Nup98 has a direct role in the transport. |
| 関連疾患 | Note=A chromosomal aberration involving NUP98 is found in a form of acute myeloid leukemia. Translocation t(7;11)(p15;p15) with HOXA9. Translocation t(11;17)(p15;p13) with PHF23. Note=A chromosomal aberration involving NUP98 is found in childhood acute myeloid leukemia. Translocation t(5;11)(q35;p15.5) with NSD1. Translocation t(8;11)(p11.2;p15) with WHSC1L1. Note=A chromosomal aberration involving NUP98 is found in a form of therapy-related myelodysplastic syndrome. Translocation t(11;20)(p15;q11) with TOP1. Note=A chromosomal aberration involving NUP98 is found in a form of T-cell acute lymphoblastic leukemia (T-ALL). Translocation t(3;11)(q12.2;p15.4) with LNP1. Note=A chromosomal aberration involving NUP98 is associated with pediatric acute myeloid leukemia (AML) with intermediate characteristics between M2-M3 French-American-British (FAB) subtypes. Translocation t(9;11)(p22;p15) with PSIP1/LEDGF. The chimeric transcript is an in-frame fusion of NUP98 exon 8 to PSIP1/LEDGF exon 4. |
| 配列類似性 | Belongs to the nucleoporin GLFG family. Contains 1 peptidase S59 domain. |
| ドメイン | Contains G-L-F-G repeats. |
| 翻訳後修飾 | Isoform 1 to isoform 4 are autoproteolytically cleaved to yield Nup98 and Nup96 or Nup98 only, |

respectively. Cleaved Nup98 is necessary for the targeting of Nup98 to the nuclear pore and the interaction with Nup96.

細胞内局在

Nucleus > nuclear pore complex. Nucleus membrane. Nup96 is localized to the nucleoplasmic side of the nuclear pore complex, at or near the nucleoplasmic basket.

画像



All lanes : Anti-NUP98 antibody [EPR6678] - Nuclear Pore Marker (ab124980) at 1/1000 dilution

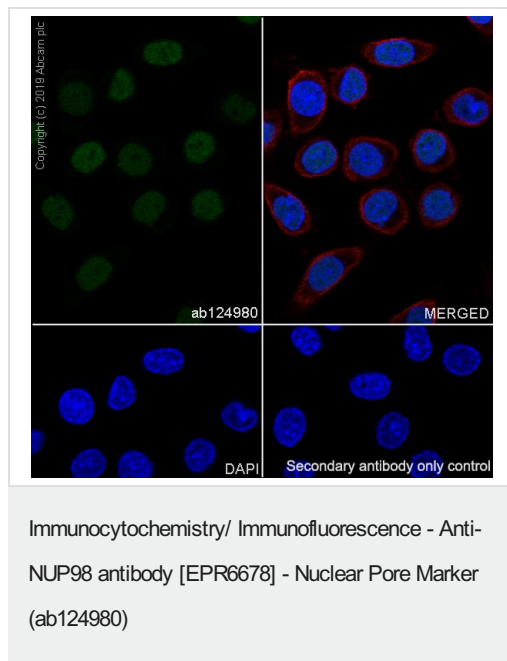
Lane 1 : HeLa cell lysate

Lane 2 : SH-SY5Y cell lysate

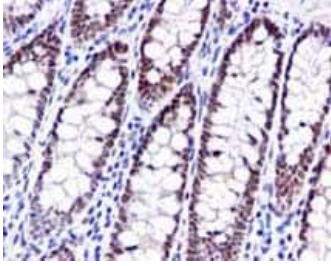
Lane 3 : Caco-2 cell lysate

Lysates/proteins at 10 µg per lane.

Predicted band size: 188 kDa



ab124980 staining NUP98 in SH-SY5Y, human neuroblastoma epithelial cells by ICC/IF (Immunocytochemistry/immunofluorescence). Cells were fixed with 4% Paraformaldehyde, permeabilized with 0.1% Triton X-100. Samples were incubated with primary antibody (1/500). Ab150077, an Alexa Fluor[®] 594-conjugated Goat anti rabbit (1:1000) (**ab150077**) was used as the secondary antibody. Counterstained with **ab195889**, an Anti-alpha Tubulin antibody [DM1A] - Microtubule Marker (Alexa Fluor[®] 594) (1/100). Nuclear counterstained with DAPI.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-NUP98 antibody [EPR6678] - Nuclear Pore Marker (ab124980)

ab124980, at 1/50 to 1/100, staining NUP98 in Human colon tissue by immunohistochemistry [Paraffin Embedded Tissues (IHC-P)].

Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol.

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-NUP98 antibody [EPR6678] - Nuclear Pore Marker (ab124980)

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