


Product datasheet

Anti-NME3 antibody [EPR13117] ab181257

Recombinant RabMAb

★☆☆☆☆ [1 Abreviews](#) [5 Images](#)

Overview

Product name	Anti-NME3 antibody [EPR13117]
Description	Rabbit monoclonal [EPR13117] to NME3
Host species	Rabbit
Tested applications	Suitable for: WB, IHC-P, IP Unsuitable for: Flow Cyt
Species reactivity	Reacts with: Human Predicted to work with: Mouse, Rat 
Immunogen	Synthetic peptide. This information is proprietary to Abcam and/or its suppliers.
Positive control	MOLT4, Raji and HeLa cell lysates; Human cardiac muscle and kidney tissues; HeLa and MOLT4 cells.
General notes	<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>

Properties

Form	Liquid
Storage instructions	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.
Storage buffer	Preservative: 0.01% Sodium azide Constituents: 59% PBS, 40% Glycerol (glycerin, glycerine), 0.05% BSA
Purity	Protein A purified
Clonality	Monoclonal
Clone number	EPR13117

Isotype IgG

Applications

The Abpromise guarantee Our **Abpromise guarantee** covers the use of ab181257 in the following tested applications. The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
WB	★☆☆☆☆ (1)	1/1000 - 1/10000. Detects a band of approximately 19 kDa (predicted molecular weight: 19 kDa).
IHC-P		1/50 - 1/100. Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol.
IP		1/50 - 1/70.

Application notes Is unsuitable for Flow Cyt.

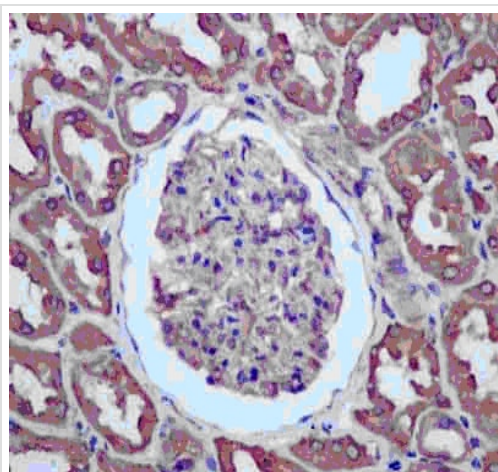
Target

Function Major role in the synthesis of nucleoside triphosphates other than ATP. The ATP gamma phosphate is transferred to the NDP beta phosphate via a ping-pong mechanism, using a phosphorylated active-site intermediate. Probably has a role in normal hematopoiesis by inhibition of granulocyte differentiation and induction of apoptosis.

Sequence similarities Belongs to the NDK family.

Developmental stage Preferentially expressed at early stages of myeloid differentiation of highly purified CD34+ cells.

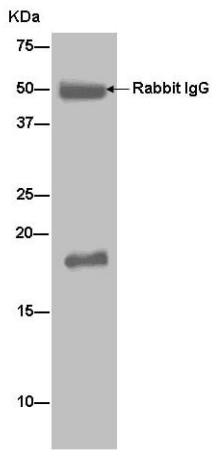
Images



Immunohistochemical analysis of paraffin-embedded Human kidney tissue labeling NME3 with ab181257 at 1/100 dilution followed by pre-diluted HRP-conjugated secondary antibody and counter-stained with Hematoxylin.

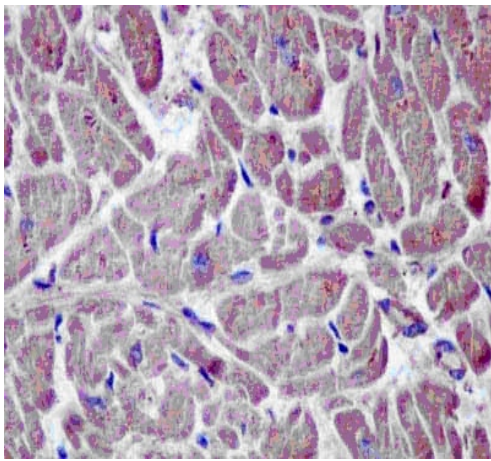
Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-NME3 antibody [EPR13117] (ab181257)



Immunoprecipitation - Anti-NME3 antibody
[EPR13117] (ab181257)

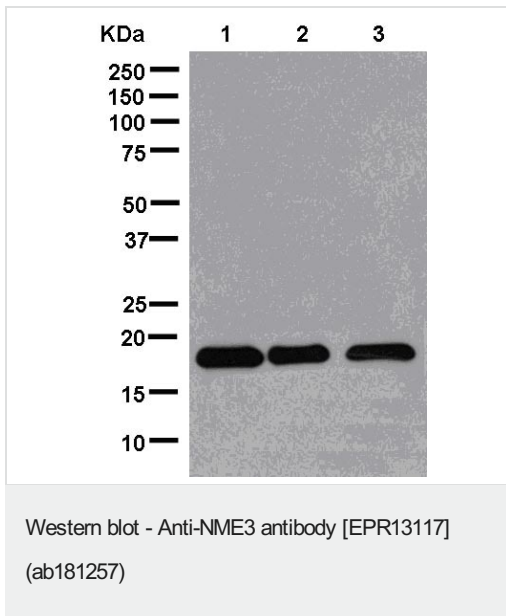
Western blot analysis of immunoprecipitation pellet from MOLT4 cell lysate immunoprecipitated using ab181257 at 1/50 dilution. Secondary: Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/1000 dilution.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-NME3 antibody
[EPR13117] (ab181257)

Immunohistochemical analysis of paraffin-embedded Human cardiac muscle tissue labeling NME3 with ab181257 at 1/100 dilution followed by pre-diluted HRP-conjugated secondary antibody and counter-stained with Hematoxylin.

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



All lanes : Anti-NME3 antibody [EPR13117] (ab181257) at 1/2000 dilution

Lane 1 : MOLT4 cell lysate

Lane 2 : Raji cell lysate

Lane 3 : HeLa cell lysate

Lysates/proteins at 20 µg per lane.

Secondary

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

Predicted band size: 19 kDa

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-NME3 antibody [EPR13117] (ab181257)

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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