



Product datasheet

Anti-TPOR/MPL antibody ab232755

6 Images

Overview

Product name	Anti-TPOR/MPL antibody
Description	Rabbit polyclonal to TPOR/MPL
Host species	Rabbit
Tested applications	Suitable for: WB, IHC-P
Species reactivity	Reacts with: Mouse, Human
Immunogen	Recombinant fragment (His-T7-tag) corresponding to Mouse TPOR/MPL aa 50-300. Two N-terminal tags. (Expressed in E.coli). Database link: Q08351
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Positive control	WB: HeLa whole cell lysate (ab150035); Recombinant mouse TPOR/MPL protein. IHC-P: Mouse lung, pancreas, placenta and spleen tissues.
General notes	<p>The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.</p> <p>If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&As</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	pH: 7.40 Preservative: 0.02% Sodium azide Constituents: 44.12% PBS, 55.77% Glycerol (glycerin, glycerine)
Purity	Immunogen affinity purified
Purification notes	Antigen-specific affinity chromatography followed by Protein A affinity chromatography.
Clonality	Polyclonal
Isotype	IgG

Applications

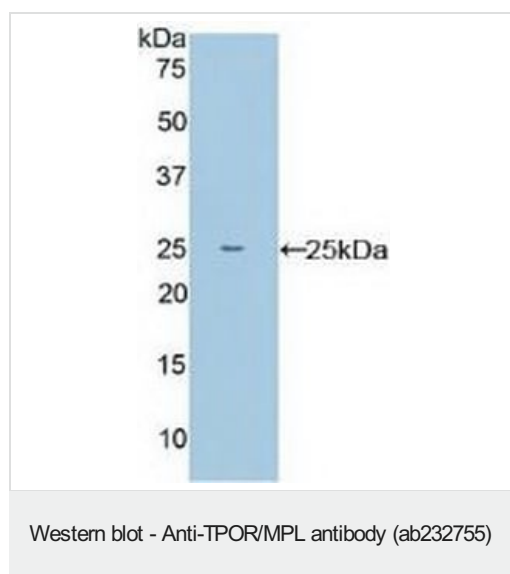
The Abpromise guarantee Our **Abpromise guarantee** covers the use of ab232755 in the following tested applications. The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
WB		Use a concentration of 0.5 - 2 µg/ml.
IHC-P		Use a concentration of 5 - 20 µg/ml.

Target

Function	Receptor for thrombopoietin. May represent a regulatory molecule specific for TPO-R-dependent immune responses.
Tissue specificity	Expressed at a low level in a large number of cells of hematopoietic origin. Isoform 1 and isoform 2 are always found to be coexpressed.
Involvement in disease	Defects in MPL are a cause of congenital amegakaryocytic thrombocytopenia (CAMT) [MIM:604498]. CAMT is a disease characterized by isolated thrombocytopenia and megakaryocytopenia with no physical anomalies.
Sequence similarities	Belongs to the type I cytokine receptor family. Type 1 subfamily. Contains 2 fibronectin type-III domains.
Domain	The WSXWS motif appears to be necessary for proper protein folding and thereby efficient intracellular transport and cell-surface receptor binding. The box 1 motif is required for JAK interaction and/or activation.
Cellular localization	Membrane.

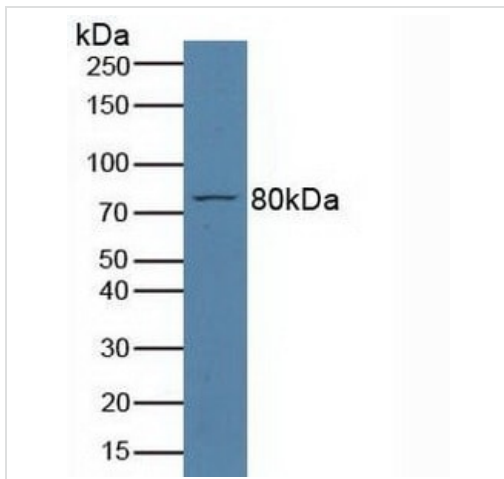
Images



Anti-TPOR/MPL antibody (ab232755) at 2 µg/ml + Recombinant mouse TPOR/MPL protein

Secondary

HRP-Linked Guinea pig anti-rabbit at 1/2000 dilution

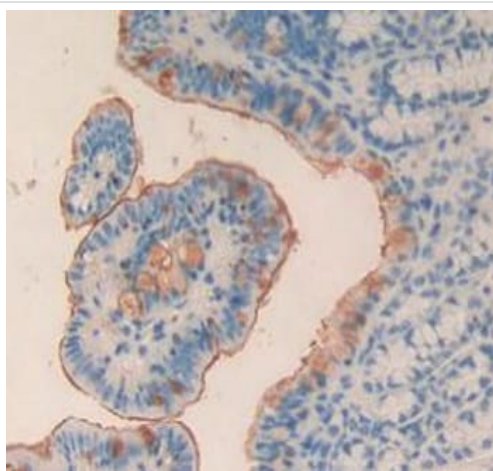


Western blot - Anti-TPOR/MPL antibody (ab232755)

Anti-TPOR/MPL antibody (ab232755) at 2 µg/ml + HeLa (human epithelial cell line from cervix adenocarcinoma) cell lysate

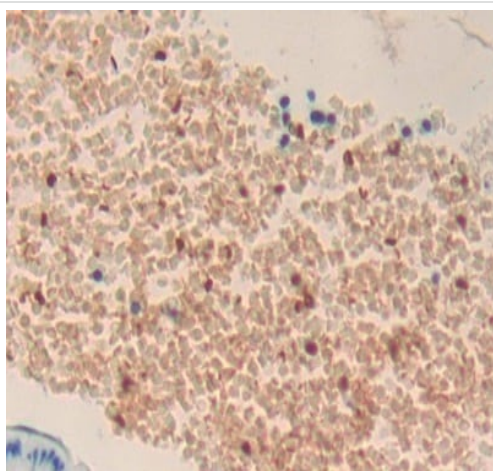
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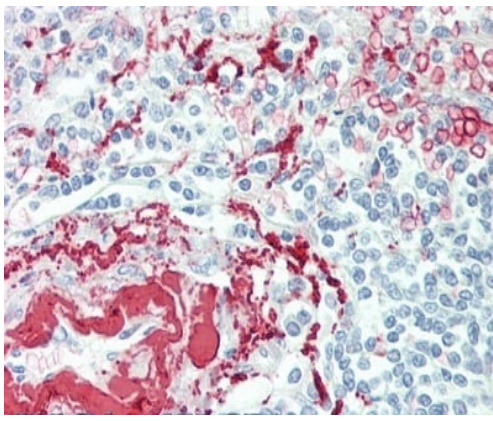
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-TPOR/MPL antibody (ab232755)

Formalin-fixed, paraffin-embedded mouse pancreas tissue stained for TPOR/MPL using ab232755 at 10 µg/ml in immunohistochemical analysis. DAB staining.



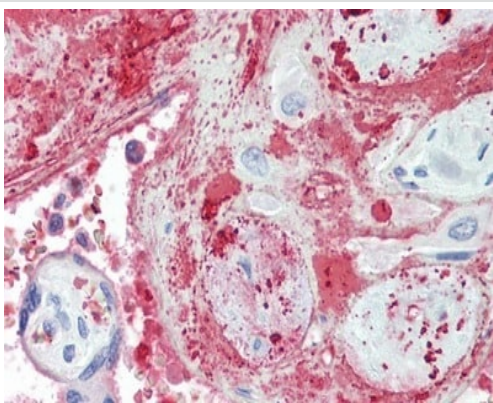
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-TPOR/MPL antibody (ab232755)

Formalin-fixed, paraffin-embedded mouse lung tissue stained for TPOR/MPL using ab232755 at 10 µg/ml in immunohistochemical analysis. DAB staining.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-TPOR/MPL antibody (ab232755)

Formalin-fixed, paraffin-embedded mouse spleen tissue stained for TPOR/MPL using ab232755 at 10 µg/ml in immunohistochemical analysis. AEC staining.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-TPOR/MPL antibody (ab232755)

Formalin-fixed, paraffin-embedded mouse placenta tissue stained for TPOR/MPL using ab232755 at 10 µg/ml in immunohistochemical analysis. AEC staining.

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

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