



Datasheet for ABIN2177733

anti-MPL antibody (AA 401-500) (Alexa Fluor 488)



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1 Publication

Overview

Quantity:	100 µL
Target:	MPL
Binding Specificity:	AA 401-500
Reactivity:	Human, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MPL antibody is conjugated to Alexa Fluor 488
Application:	Flow Cytometry (FACS), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human MPL
Isotype:	IgG
Cross-Reactivity:	Human, Rat
Predicted Reactivity:	Mouse,Dog,Sheep
Purification:	Purified by Protein A.

Target Details

Target:	MPL
Alternative Name:	MPL (MPL Products)

Target Details

Background: Synonyms: MPLV, TPOR, C-MPL, CD110, THCYT2, Thrombopoietin receptor, TPO-R, Myeloproliferative leukemia protein, Proto-oncogene c-Mpl, MPL
Background: Receptor for thrombopoietin. May represent a regulatory molecule specific for TPO-R-dependent immune responses.

Gene ID: 4352

UniProt: [P40238](#)

Pathways: [JAK-STAT Signaling](#)

Application Details

Application Notes: FCM 1:20-100
IF(IHC-P) 1:50-200
IF(IHC-F) 1:50-200
IF(ICC) 1:50-200

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 µg/µL

Buffer: Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.

Storage: -20 °C

Storage Comment: Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.

Expiry Date: 12 months

Publications

Product cited in: Maekawa, Osawa, Izumi, Nagao, Takano, Okada, Tachi, Teramoto, Kawamura, Horiuchi, Saga, Kato, Yamamura, Watanabe, Kobayashi, Kobayashi, Sato, Hashimoto, Suzu, Kimura: " Myeloproliferative leukemia protein activation directly induces fibrocyte differentiation to cause

myelofibrosis." in: **Leukemia**, (2017) ([PubMed](#)).