



Datasheet for ABIN7074718 anti-MPL antibody



[Go to Product page](#)

1 Image

Overview

Quantity:	100 µL
Target:	MPL
Reactivity:	Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MPL antibody is un-conjugated
Application:	Immunohistochemistry (IHC), Immunofluorescence (IF)

Product Details

Immunogen:	KLH conjugated Synthetic peptide corresponding to Mouse TPOR
Cross-Reactivity:	Rat
Purification:	Affinity purification

Target Details

Target:	MPL
Alternative Name:	TPOR/MPL (MPL Products)
Background:	The protein encoded by the c-mpl gene, CD110, is a 635 amino acid transmembrane domain, with two extracellular cytokine receptor domains and two intracellular cytokine receptor box motifs. TPO-R deficient mice were severely thrombocytopenic, emphasizing the important role of CD110 and thrombopoietin in megakaryocyte and platelet formation. Upon binding of thrombopoietin CD110 is dimerized and the JAK family of non-receptor tyrosine kinases, as

Target Details

well as the STAT family, the MAPK family, the adaptor protein Shc and the receptors themselves become tyrosine phosphorylated.

Gene ID: 17480

NCBI Accession: [NP_001116421](#)

UniProt: [Q08351](#)

Pathways: [JAK-STAT Signaling](#)

Application Details

Application Notes: IHC/IF (M,R) 1:500-1:2000

Restrictions: For Research Use only

Handling

Format: Liquid

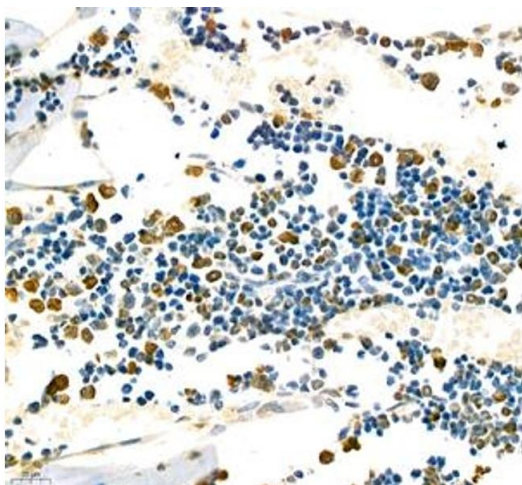
Buffer: PBS, pH 7.4, 0.02 % sodium azide

Preservative: Sodium azide

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

Storage: -20 °C

Images



Immunohistochemistry (Paraffin-embedded Sections)

Image 1. Immunohistochemistry of paraffin embedded mouse bone using CD110 (ABIN7074718) at dilution of 1:1000 (400x lens)