

Datasheet for ABIN2789858
anti-MAEA antibody (N-Term)



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1 Image

Overview

Quantity:	100 µL
Target:	MAEA
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat, Cow, Guinea Pig, Horse, Rabbit, Zebrafish (Danio rerio), Dog
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MAEA antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Sequence:	RFRAAQKNID RETSHVTMVV AELEKTLSGC PAVDSVVSLL DGVVEKLSVL
Predicted Reactivity:	Cow: 100%, Dog: 100%, Guinea Pig: 100%, Horse: 100%, Human: 100%, Mouse: 100%, Rabbit: 100%, Rat: 100%, Zebrafish: 100%
Characteristics:	This is a rabbit polyclonal antibody against MAEA. It was validated on Western Blot.
Purification:	Affinity Purified

Target Details

Target:	MAEA
Alternative Name:	MAEA (MAEA Products)
Background:	This gene product mediates the attachment of erythroblasts to macrophages. This attachment

Target Details

promotes terminal maturation and enucleation of erythroblasts, presumably by suppressing apoptosis. This protein is an integral membrane protein with the N-terminus on the extracellular side and the C-terminus on the cytoplasmic side of the cell. Two immunologically related isoforms of erythroblast macrophage protein with apparent molecular weights of 33 kD and 36 kD were detected in macrophage membranes, this gene encodes the larger isoform. Multiple alternatively spliced transcript variants encoding distinct isoforms have been found for this gene, but the biological validity of some variants has not been determined.

Alias Symbols: EMLP, EMP, HLC-10, PIG5

Protein Interaction Partner: UBC, CLIP1, SOX2, FLOT1, RMND5A, GID8, UBD, RANBP9, MKLN1, GRK5, MYOC,

Protein Size: 355

Molecular Weight: 40 kDa

Gene ID: 10296

NCBI Accession: [NM_005882](#), [NP_005873](#)

Application Details

Application Notes: Optimal working dilutions should be determined experimentally by the investigator.

Comment: Antigen size: 355 AA

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: Lot specific

Buffer: Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.

Preservative: Sodium azide

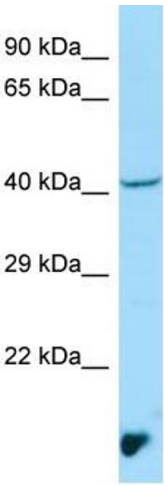
Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Handling Advice: Avoid repeated freeze-thaw cycles.

Storage: -20 °C

Storage Comment: For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small

aliquots to prevent freeze-thaw cycles.



Western Blotting

Image 1. WB Suggested Anti-MAEA Antibody Titration: 1.0 ug/ml Positive Control: NCI-H226 Whole Cell