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Datasheet for ABIN1695071

anti-MAEA antibody (AA 171-250) (Alexa Fluor 488)

Overview

Quantity:	100 µL
Target:	MAEA
Binding Specificity:	AA 171-250
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MAEA antibody is conjugated to Alexa Fluor 488
Application:	Western Blotting (WB), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human EMP
Isotype:	IgG
Predicted Reactivity:	Human, Mouse, Rat, Dog, Horse, Chicken
Purification:	Purified by Protein A.

Target Details

Target:	MAEA
Alternative Name:	MAEA/EMP/HLC10 (MAEA Products)
Background:	Synonyms: 1110030D19Rik, Cell proliferation inducing gene 5 protein, Cell proliferation-inducing

Target Details

gene 5 protein, EMP, Erythroblast macrophage protein, HLC 10, HLC-10, HLC10, Human lung cancer oncogene 10 protein, Lung cancer related protein 10, lung cancer-related protein 10, Macrophage erythroblast attacher, MAEA, MAEA_HUMAN, MGC93683, PIG5, proliferation-inducing gene 5.

Background: Emp is a 396 amino acid ubiquitously expressed adhesion protein. Expressed as 5 alternatively spliced isoforms, Emp contains one CTLH domain and one LisH domain. Emp can form a complex with F-actin, which is involved regulating actin distribution in erythroblasts and macrophages. Considered to assist with cell division and nuclear architecture, Emp is localized with condensed chromatin at prophase, nuclear spindle poles at metaphase and in the contractile ring during telophase and cytokinesis. Although the exact function of Emp is unknown, Emp is suggested to be involvement in erythroblast-macrophage cell attachment, terminal maturation and enucleation of erythroid cells, and inhibiting apoptosis of erythroblasts.

Gene ID: 10296

Application Details

Application Notes: 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