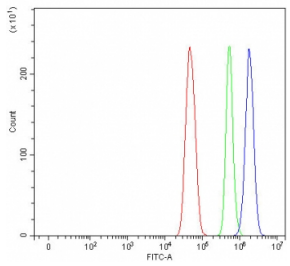
EMP Antibody / Erythroblast macrophage protein / MAEA (RQ8388)

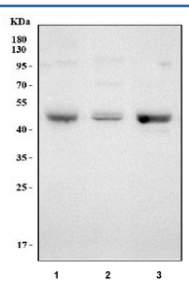
Catalog No.	Formulation	Size
RQ8388	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human, Mouse, Rat
Format	Antigen affinity purified
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Antigen affinity purified
Buffer	Lyophilized from 1X PBS with 2% Trehalose
UniProt	Q7L5Y9
Applications	Western Blot : 0.5-1ug/ml Flow Cytometry : 1-3ug/million cells Direct ELISA : 0.1-0.5ug/ml
Limitations	This EMP antibody is available for research use only.



Flow cytometry testing of fixed and permeabilized human U-251 cells with EMP antibody at 1ug/million cells (blocked with goat sera); Red=cells alone, Green=isotype control, Blue= EMP antibody.



Western blot testing of 1) rat brain, 2) rat PC-12 and 3) mouse brain tissue lysate with EMP antibody. Predicted molecular weight: 36-45 kDa (multiple isoforms).

Description

This gene encodes a protein that mediates the attachment of erythroblasts to macrophages. This attachment promotes terminal maturation and enucleation of erythroblasts, presumably by suppressing apoptosis. The encoded 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. Alternative splicing results in multiple transcript variants.

Application Notes

Optimal dilution of the EMP antibody should be determined by the researcher.

Immunogen

An E.coli-derived human recombinant protein (M1-E349) was used as the immunogen for the EMP antibody.

Storage

After reconstitution, the EMP antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.