

## MAEA Antibody

Catalog No: #33945

Package Size: #33945-1 50ul #33945-2 100ul

Orders: [order@signalwayantibody.com](mailto:order@signalwayantibody.com)Support: [tech@signalwayantibody.com](mailto:tech@signalwayantibody.com)

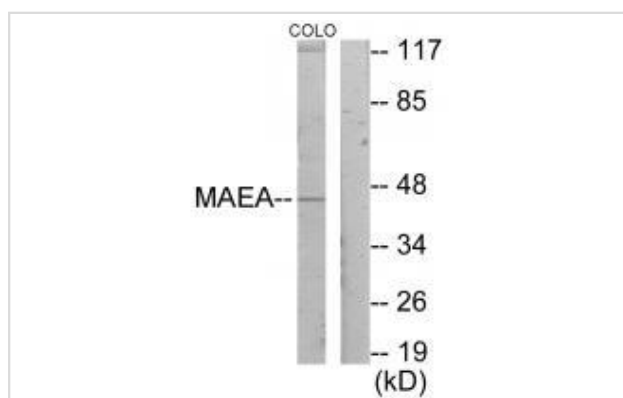
## Description

Product Name	MAEA Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Applications	WB
Species Reactivity	Hu Ms Rt
Specificity	The antibody detects endogenous levels of total MAEA protein.
Immunogen Type	Peptide
Immunogen Description	Synthesized peptide derived from internal of human MAEA.
Target Name	MAEA
Other Names	Macrophage erythroblast attacher; Erythroblast macrophage protein; Cell proliferation-inducing gene 5 protein; Lung cancer-related protein 10; HLC-10
Accession No.	Swiss-Prot: Q7L5Y9NCBI Gene ID: 10296
Uniprot	Q7L5Y9
GeneID	10296;
SDS-PAGE MW	45kd
Concentration	1.0mg/ml
Formulation	Rabbit IgG in phosphate buffered saline (without Mg <sup>2+</sup> and Ca <sup>2+</sup> ), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at -20°C

## Application Details

Western blotting: 1:500~1:3000

## Images



Western blot analysis of extracts from COLO205 cells, using MAEA antibody #33945.

## Background

Plays a role in erythroblast enucleation and in the development of the mature macrophages. Mediates the attachment of erythroid cell to mature macrophages, in correlation with the presence of MAEA at cell surface of mature macrophages; This MAEA-mediated contact inhibits erythroid cells apoptosis. Participates to erythroblastic island formation, which is the functional unit of definitive erythropoiesis. Associates with F-actin to regulate actin distribution in erythroblasts and macrophages. May contribute to nuclear architecture and cells division events.

Ota T., Nat. Genet. 36:40-45(2004).

Hanspal M., Blood 92:2940-2950(1998).

Bala S., Biochem. Biophys. Res. Commun. 342:1040-1048(2006).

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Note: This product is for in vitro research use only