

Datasheet for ABIN7158870
anti-MAEA antibody (AA 299-356)



[Go to Product page](#)

4 Images

Overview

Quantity:	100 µg
Target:	MAEA
Binding Specificity:	AA 299-356
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MAEA antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC), Immunofluorescence (IF)

Product Details

Immunogen:	Recombinant Human Macrophage erythroblast attacher protein (299-356AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

Target Details

Target:	MAEA
Alternative Name:	MAEA (MAEA Products)
Background:	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

Target Details

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.

Aliases: 1110030D19Rik antibody, Cell proliferation inducing gene 5 protein antibody, Cell proliferation-inducing gene 5 protein antibody, EMLP antibody, EMP antibody, Erythroblast macrophage protein antibody, GID complex subunit 9 FYV10 homolog antibody, GID9 antibody, HLC 10 antibody, HLC-10 antibody, HLC10 antibody, Human lung cancer oncogene 10 protein antibody, Lung cancer related protein 10 antibody, Macrophage erythroblast attacher antibody, MAEA antibody, MAEA_HUMAN antibody, MGC93683 antibody, PIG5 antibody, Proliferation inducing gene 5 antibody

UniProt: [Q7L5Y9](#)

Application Details

Application Notes: Recommended dilution: WB:1:500-1:5000, IHC:1:500-1:1000, IF:1:50-1:200,

Restrictions: For Research Use only

Handling

Format: Liquid

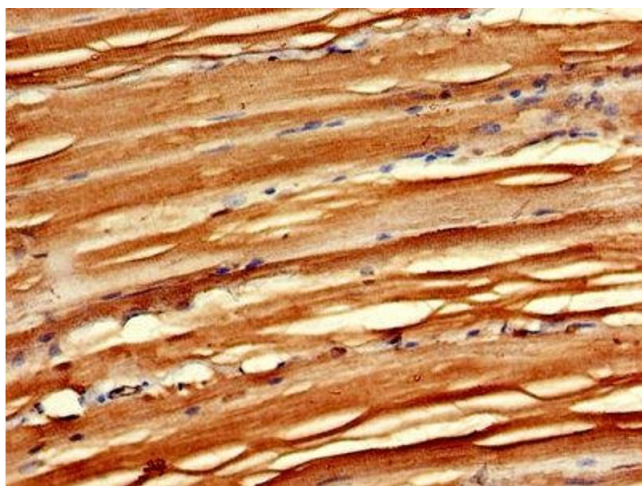
Buffer: Preservative: 0.03 % Proclin 300
Constituents: 50 % Glycerol, 0.01M PBS, pH 7.4

Preservative: ProClin

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

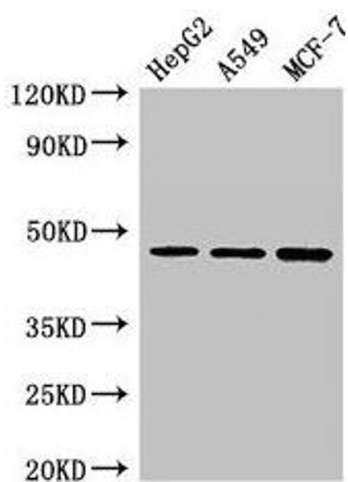
Storage: -20 °C,-80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.



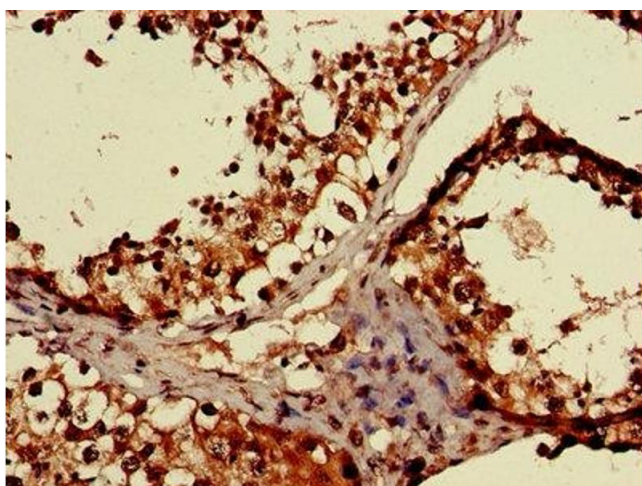
Immunohistochemistry

Image 1. IHC image of ABIN7158870 diluted at 1:600 and staining in paraffin-embedded human skeletal muscle tissue performed on a Leica Bond™ system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4°C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.



Western Blotting

Image 2. Western Blot Positive WB detected in: HepG2 whole cell lysate, A549 whole cell lysate, MCF-7 whole cell lysate. All lanes: MAEA antibody at 3 µg/mL. Secondary Goat polyclonal to rabbit IgG at 1/50000 dilution. Predicted band size: 46, 41, 37, 27 kDa. Observed band size: 46 kDa.



Immunohistochemistry

Image 3. IHC image of ABIN7158870 diluted at 1:600 and staining in paraffin-embedded human testis tissue performed on a Leica Bond™ system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4°C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN7158870.