MAEA Antibody

PACO49750

Product Information

Size:

50ug

Reactivity:

Human

Source:

Rabbit

Isotype:

IgG

Applications:

ELISA, WB, IHC, IF

Recommended dilutions:

ELISA:1:2000-1:10000, WB:1:500-1:5000, IHC:1:500-1:1000, IF:1:50-1:200

Protein 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.

Gene ID:

MAEA

Uniprot

Q7L5Y9

Synonyms:

Macrophage erythroblast attacher (Cell proliferation-inducing gene 5 protein) (Erythroblast macrophage protein) (Human lung cancer oncogene 10 protein) (HLC-10), MAEA, EMP

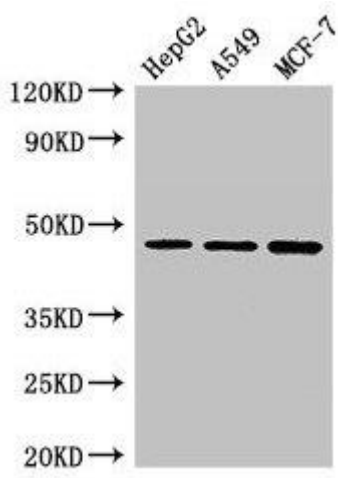
Immunogen:

Recombinant Human Macrophage erythroblast attacher protein (299-356AA).

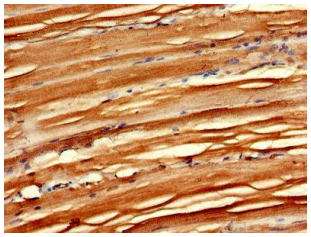
Storage:

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

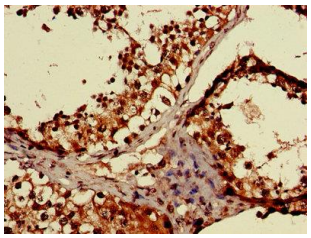
Product Images



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



IHC image of PACO49750 diluted at 1:600 and staining in paraffin-embedded human skeletal muscle tissue performed on a Leica BondTM 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.



IHC image of PACO49750 diluted at 1:600 and staining in paraffin-embedded human testis tissue performed on a Leica BondTM 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.

