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Research Use Only. Not for diagnostic or therapeutic use.

EB08209 - Goat Anti-MERTK Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: MERTK, c-mer proto-oncogene tyrosine kinase, MER, MGC133349,

c-mer, MER receptor tyrosine kinase, STK kinase

Official Symbol: MERTK

Accession Number(s): NP_006334.2

Human GeneID(s): 10461

Immunogen

Peptide with sequence C-EVHDSKPHEGRY, from the internal region of the protein sequence according to NP_006334.2.

Please note the peptide is available for sale.

Purification and Storage

Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.

Aliquot and store at -20°C. Minimize freezing and thawing.

Applications Tested

Peptide ELISA: antibody detection limit dilution 1:16000.

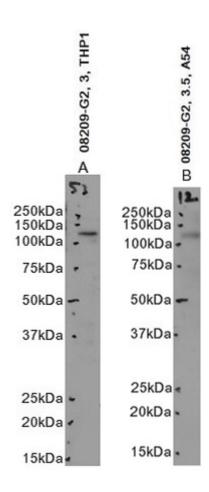
Western blot: Approx. 125kDa band observed in lysates of cell lines THP-1 and A549 (calculated MW of 110.0kDa according to NP_006334.2). A 110kDa band was alternatively observed in some lysates. Recommended concentration: 2.5-3.5μg/ml. Primary incubation 1 hour at room temperature.

Flow Cytometry: Flow cytometric analysis of THP-1 cells. Recommended concentration: 10ug/ml.

Species Reactivity

Tested: Human

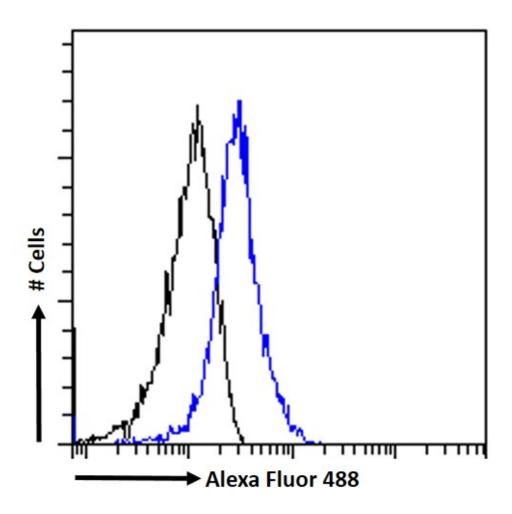
Expected from sequence similarity: Human



EB08209 optimised QC. Primary incubation 1 hour at room temperature.

Image A: THP-1 cell lysate at primary Ab concentration 3ug/ml. Image B: A549 cell lysate at primary Ab concentration 3.5ug/ml. (Loaded 35µg protein in RIPA buffer, per lane).

Detected by chemiluminescence.



EB08209 Flow cytometric analysis of paraformaldehyde fixed THP1 cells (blue line) permeabilized with 0.5% Triton. Primary incubation 1hr (10ug/ml) followed by Alexa Fluor 488® conjugated secondary antibody (1ug/ml). IgG control: Unimmunized goat IgG (black line) followed by Alexa Fluor 488 secondary antibody.