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**Research Use Only. Not for
diagnostic or therapeutic use.**

EB05189 - Goat Anti-MTMR9 (C Terminus) Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: MTMR9, myotubularin related protein 9, MTMR8, C8orf9, LIP-STYX, DKFZP434K171, DKFZp434K171, myotubularin related protein 8, MGC126672, myotubularin-related protein 9, myotubularin-related protein 9 variant

Official Symbol: MTMR9

Accession Number(s): NP_056273.2

Human GeneID(s): [66036](#)

Immunogen

Peptide with sequence C-AELETEDGMQESP, from the C Terminus of the protein sequence according to NP_056273.2.

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 1:8000.

IHC: In paraffin embedded Rat Spleen shows staining of cytoplasm in select cells.

Recommended concentration: 5-10µg/ml. This product has also been successfully used on Rat Hypothalamus.

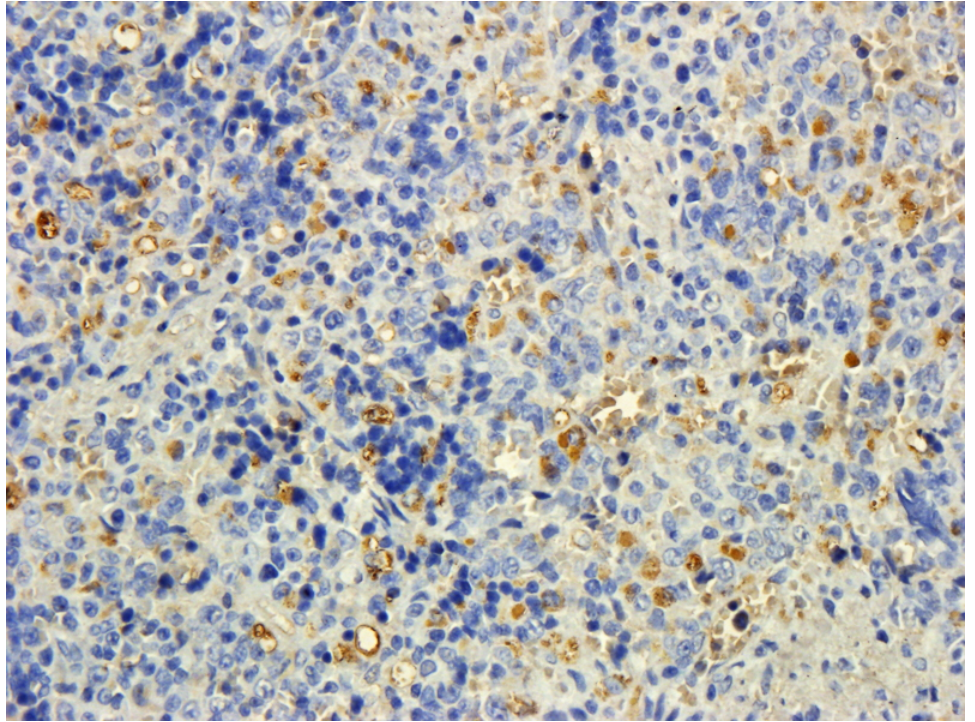
Immunofluorescence: Strong expression of the protein seen in the cytoplasm and Endoplasmic reticulum of A549 and U2OS cells. Recommended concentration: 10µg/ml.

Flow Cytometry: Flow cytometric analysis of A549 cells. Recommended concentration: 10ug/ml.

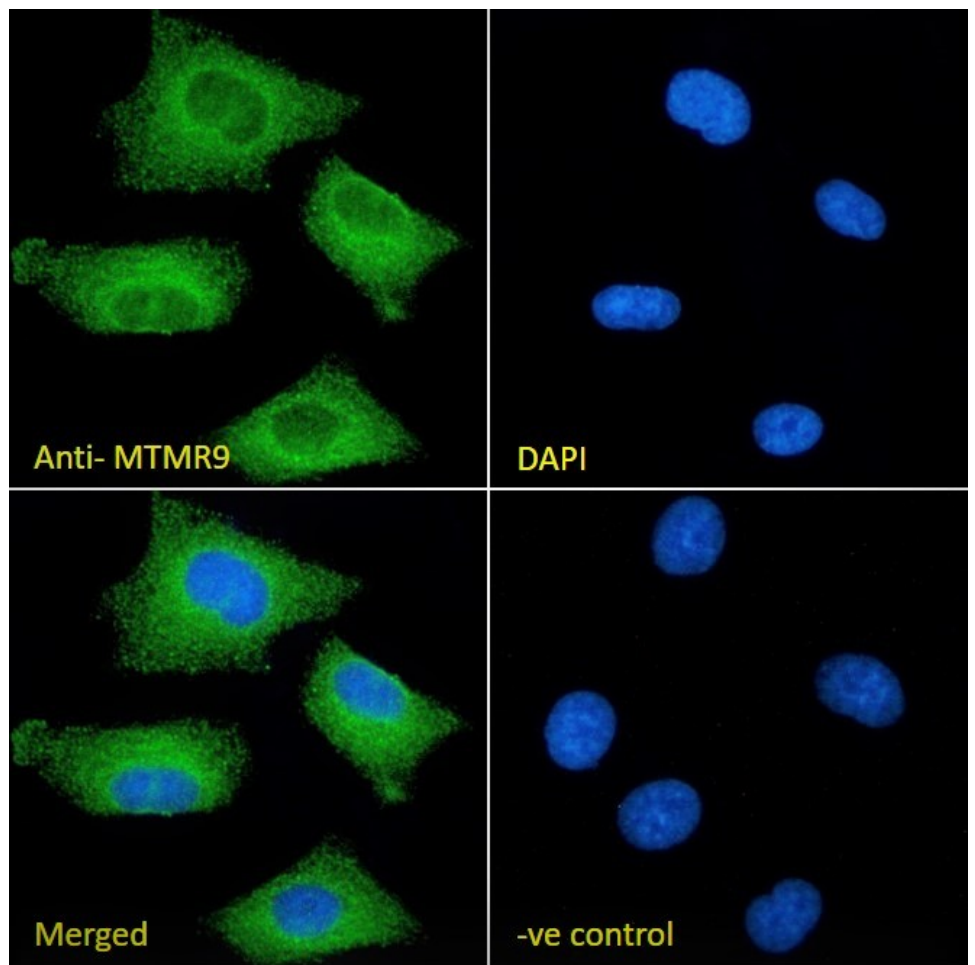
Species Reactivity

Tested: Human, Rat

Expected from sequence similarity: Human, Mouse, Rat

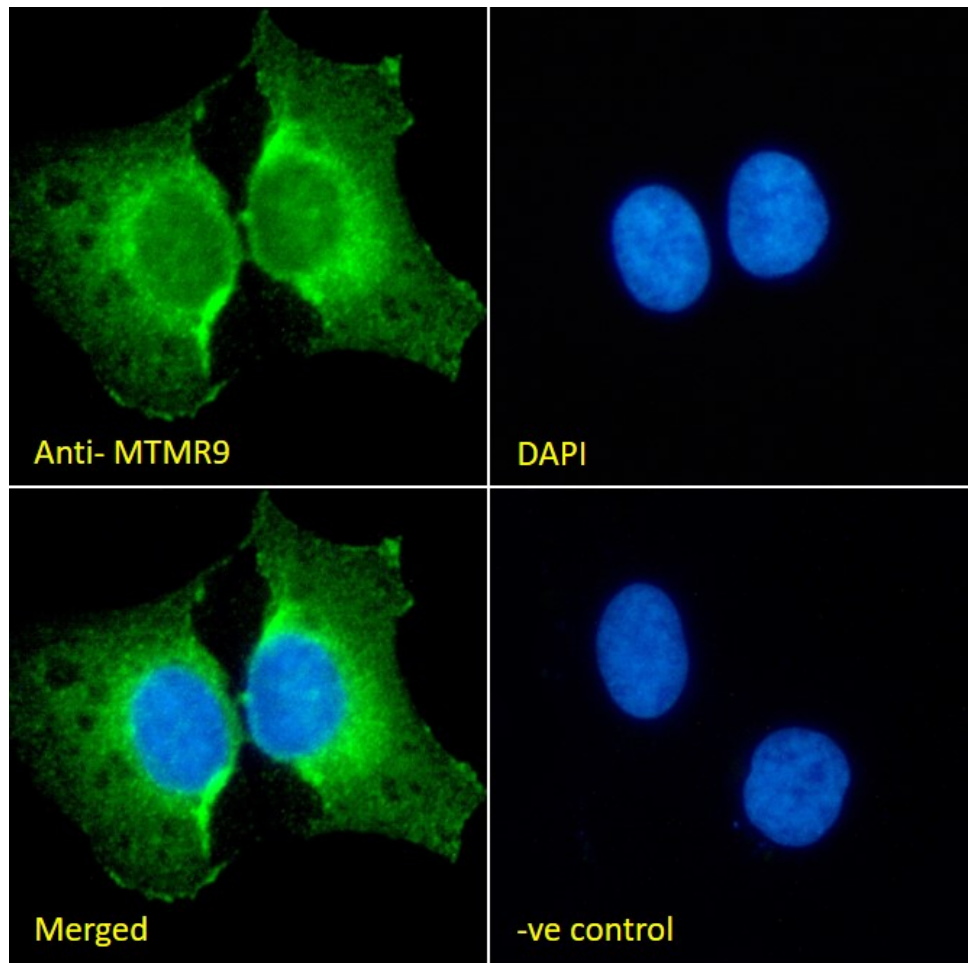


EB05189 (5ug/ml) staining of paraffin embedded Rat Spleen. Steamed antigen retrieval with citrate buffer pH 6, DAB-staining.

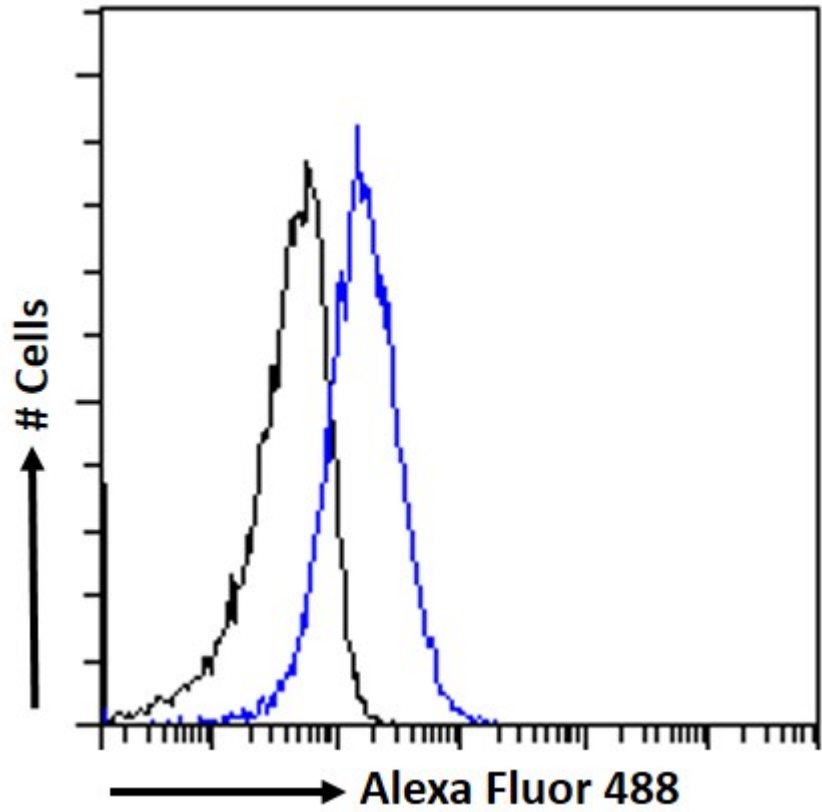


EB05189 Immunofluorescence analysis of paraformaldehyde fixed A549 cells, permeabilized with 0.15% Triton. Primary incubation 1hr (10ug/ml) followed by Alexa Fluor 488 secondary antibody (2ug/ml), showing cytoplasmic and Endoplasmic reticulum staining. The nuclear stain is DAPI (blue). Negative control: Unimmunized goat IgG

(10ug/ml) followed by Alexa Fluor 488 secondary antibody (2ug/ml).



EB05189 Immunofluorescence analysis of paraformaldehyde fixed U2OS cells, permeabilized with 0.15% Triton. Primary incubation 1hr (10ug/ml) followed by Alexa Fluor 488 secondary antibody (2ug/ml), showing cytoplasmic and Endoplasmic reticulum staining. The nuclear stain is DAPI (blue). Negative control: Unimmunized goat IgG (10ug/ml) followed by Alexa Fluor 488 secondary antibody (2ug/ml).



EB05189 Flow cytometric analysis of paraformaldehyde fixed A549 cells (blue line), permeabilized with 0.5% Triton. Primary incubation 1hr (10ug/ml) followed by Alexa Fluor 488 secondary antibody (1ug/ml). IgG control: Unimmunized goat IgG (black line) followed by Alexa Fluor 488 secondary antibody.