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Research Use Only. Not for diagnostic or therapeutic use.

EB10898 - Goat Anti-MKRN1 (aa105-118) Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: MKRN1, makorin ring finger protein 1, FLJ21334, RNF61, E3 ubiquitin-protein ligase makorin-1, OTTHUMP00000212121, OTTHUMP00000212124,

RING finger protein 61

Official Symbol: MKRN1

Accession Number(s): NP_038474.2; NP_001138597.1; NP_001278592.1

Human GeneID(s): 23608

Non-Human GenelD(s): 54484 (mouse)

Important Comments: This antibody is expected to recognize all reported isoforms

(NP_038474.2; NP_001138597.1; NP_001278592.1).

Immunogen

Peptide with sequence C-RYEHSKPLKQEEAT, from the internet regoin of the protein sequence according to NP_038474.2; NP_001138597.1; NP_001278592.1.

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 1:64000.

Western blot: Approx. 55kDa band observed in lysates of cell line THP-1 and in Human Testis lysates (calculated MW of 53.3kDa according to NP_038474.2). Recommended concentration: 0.1-0.5ug/ml. Primary incubation 1 hour at room temperature. **Positive Control:** A batch specific positive control lysate is available for this product. Please contact Sales@everestbiotech.com for availability.

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

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

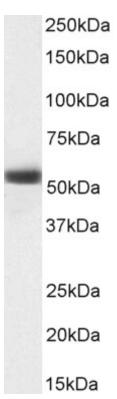
Species Reactivity

Tested: Human

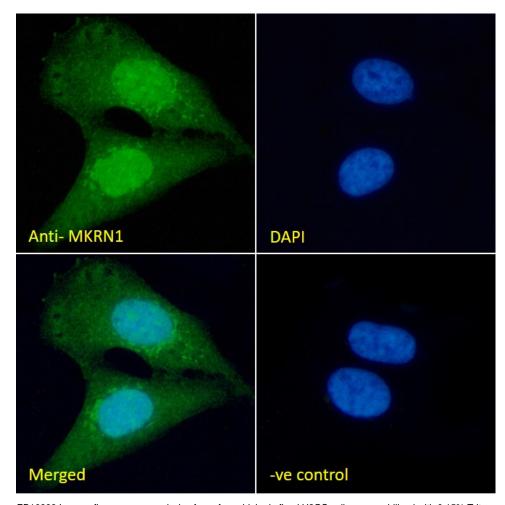
Expected from sequence similarity: Human, Cow



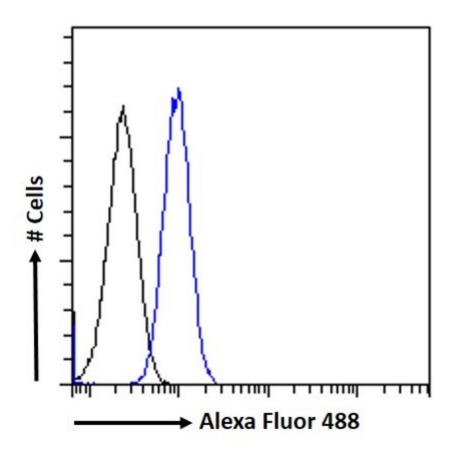
EB10898 (0.5µg/ml) staining of THP-1 cell lysate (35µg protein in RIPA buffer). Detected by chemiluminecence.



EB10898 (0.5µg/ml) staining of Human Testes lysate (35µg protein in RIPA buffer). Detected by chemiluminecence.



EB10898 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 nuclear and cytoplasmic staining. The nuclear stain is DAPI (blue). Negative control: Unimmunized goat IgG (10ug/ml) followed by Alexa Fluor 488 secondary antibody (2ug/ml).



EB10898 Flow cytometric analysis of paraformaldehyde fixed THP-1 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.