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EB11010 - Goat Anti-DNAJB9 (aa61-75) Antibody

Size: 100µg specific antibody in 200µl

Target Protein

Principal Names: DNAJB9, DnaJ (Hsp40) homolog, subfamily B, member 9, DKFZp564F1862, ERdj4, MDG1, MST049, MSTP049, dnaJ homolog subfamily B member 9, endoplasmic reticulum DnaJ homolog 4, microvascular endothelial differentiation gene 1 protein, DKFZp564F1862, DnaJ (Hsp40) homolog, subfamily B, member 9, dnaJ homolog subfamily B member 9, endoplasmic reticulum DnaJ homolog 4, ERdj4, MDG1, mdg-1, microvascular endothelial differentiation gene 1 protein, MST049, MSTP049, DNAJB9
Official Symbol: DNAJB9
Accession Number(s): NP_036460.1
Human GeneID(s): 4189

Immunogen

Peptide with sequence C-PDAEAKFREIAEAYE, from the internal regoin of the protein sequence according to NP_036460.1.

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

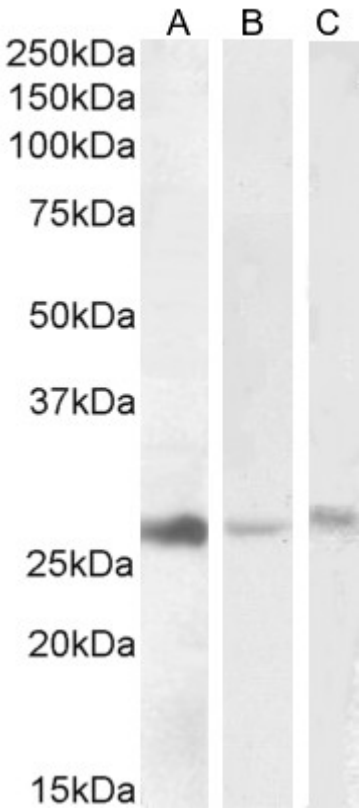
Peptide ELISA: antibody detection limit dilution 1:16000.
Western blot: Approx 26-27kDa band observed in Human Liver and Kidney lysates and approx.28kDa in Mouse Liver lysates and in preliminary testing of Rat Liver lysate (calculated MW of 25.5kDa according to Human NP_036460.1 and 25.6kDa according to Mouse NP_038788.2). Recommended concentration: 1-3µg/ml. Primary incubation 1 hour at room temperature.

Immunofluorescence: Strong expression of the protein seen in the endoplasmic reticulum and cytoplasm of A431 and U2OS cells. Recommended concentration: 10µg/ml.

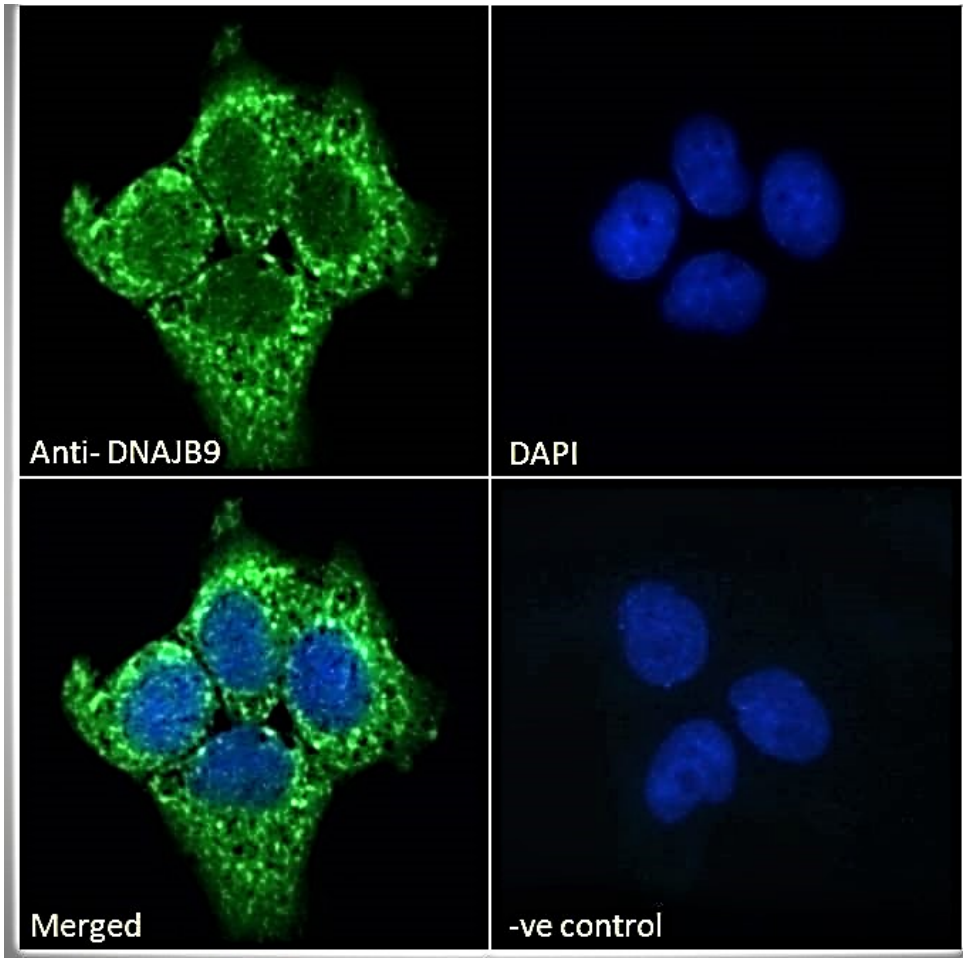
Flow Cytometry: Flow cytometric analysis of A431 cells. Recommended concentration: 10ug/ml.

Species Reactivity

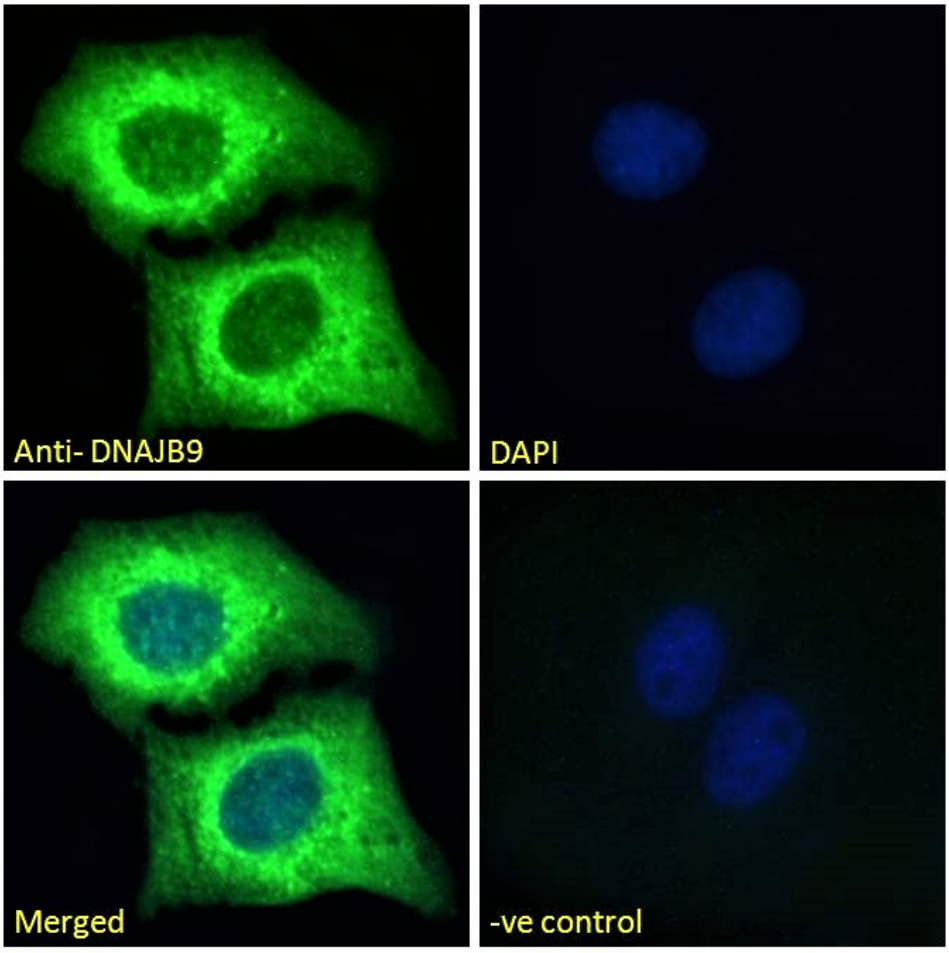
Tested: Human, Mouse
Expected from sequence similarity: Human, Mouse, Rat, Dog, Pig, Cow



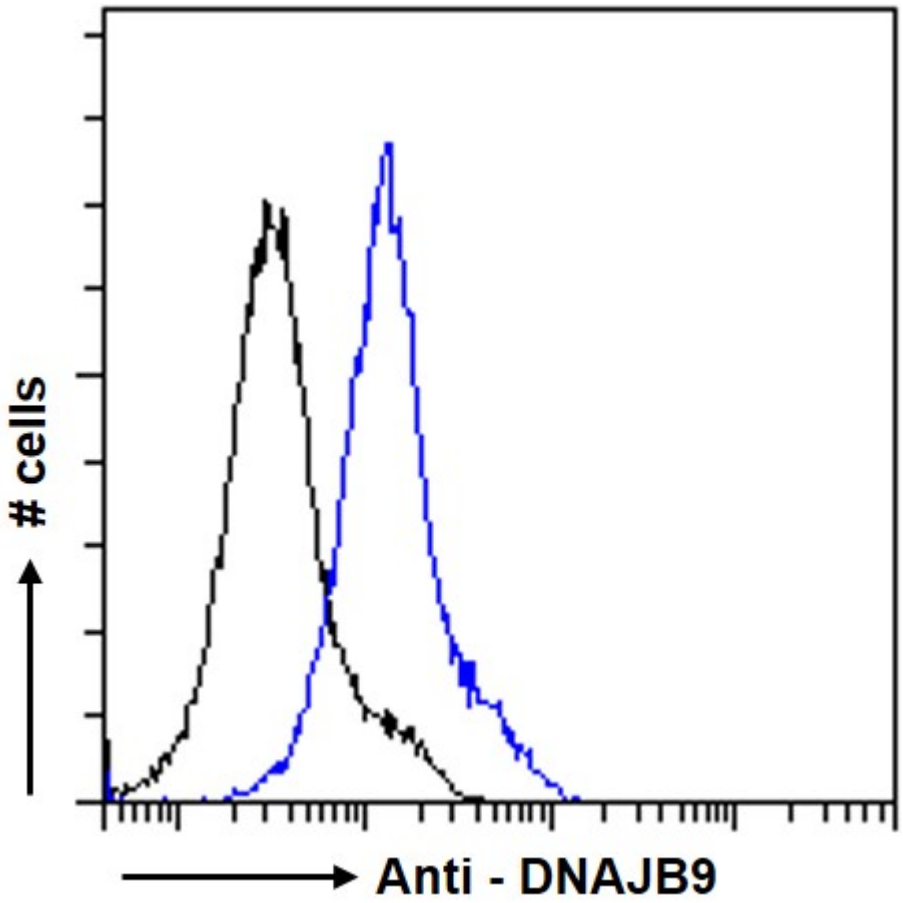
EB11010 (1µg/ml) staining of Human Liver (A), Kidney (B) and -Mouse Liver (C) lysate (35µg protein in RIPA buffer). Detected by chemiluminescence.



EB11010 Immunofluorescence analysis of paraformaldehyde fixed A431 cells, permeabilized with 0.15% Triton. Primary incubation 1hr (10ug/ml) followed by Alexa Fluor 488 secondary antibody (2ug/ml), showing endoplasmic reticulum 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).



EB11010 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 endoplasmic reticulum/cytoplasmic staining. The nuclear stain is DAPI (blue). Negative control: Unimmunized goat IgG (10ug/ml) followed by Alexa Fluor 488 secondary antibody (2ug/ml).



EB11010 Flow cytometric analysis of paraformaldehyde fixed A431 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.