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EB06213 - Goat Anti-NUP62 Antibody

Size: 100µg specific antibody in 200µl

Target Protein

Principal Names: NUP62, p62, MGC841, FLJ20822, DKFZp547L134, nucleoporin 62kDa, nuclear pore glycoprotein p62, FLJ43869, IBSN, SNDI
Official Symbol: NUP62
Accession Number(s): NP_036478.2; NP_057637.2; NP_714940.1; NP_714941.1
Human GeneID(s): 23636
Important Comments: All four variants represent identical protein.

Immunogen

Peptide with sequence C-RKEQERSFRITFD, from the C Terminus of the protein sequence according to NP_036478.2; NP_057637.2; NP_714940.1; NP_714941.1.

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.

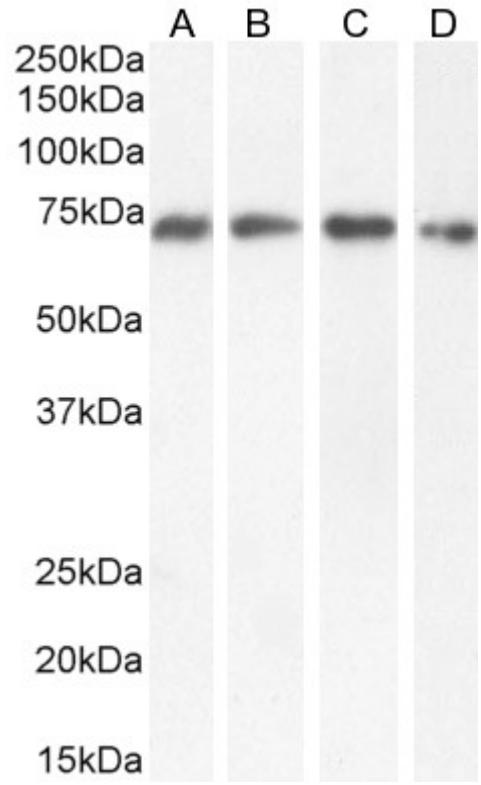
Applications Tested

Peptide ELISA: antibody detection limit dilution 1:128000.
Western blot: Approx. 70kDa band observed in nuclear lysates of cell lines Jurkat, K562, A431 and HepG2 (calculated MW of 53.3kDa according to NP_036478.2). This molecular weight is routinely observed by other sources. Recommended concentration: 0.1-1µg/ml. Primary incubation 1 hour at room temperature.

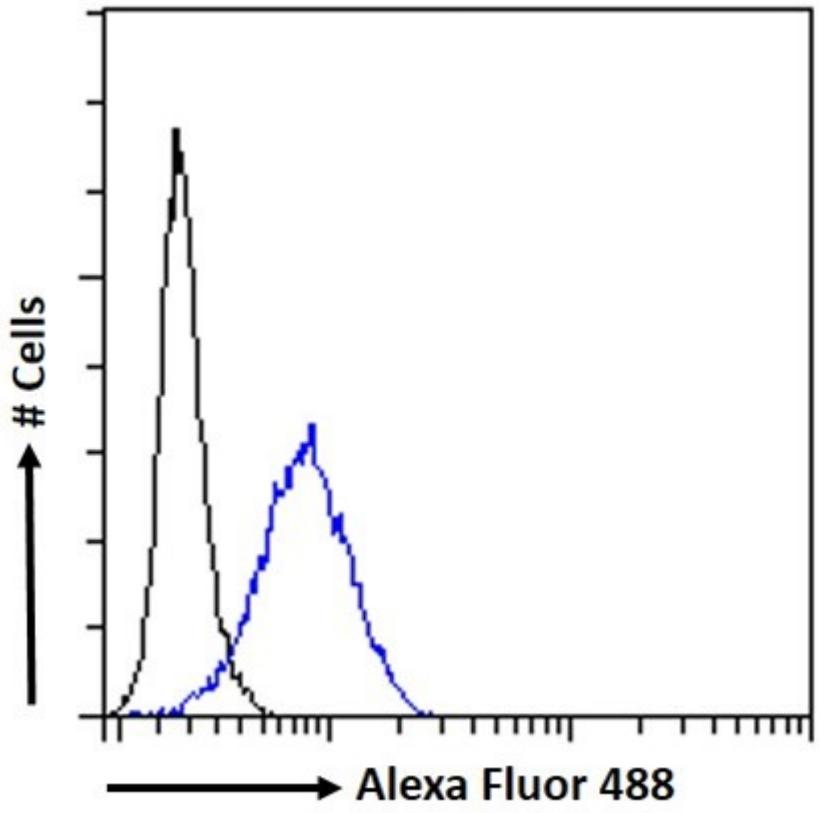
Flow Cytometry: Flow cytometric analysis of K562 cells. Recommended concentration: 10ug/ml.

Species Reactivity

Tested: Human
Expected from sequence similarity: Human, Dog, Cow



EB06213 (0.1µg/ml) staining of nuclear lysates of cell lines Jurkat (A), K562 (B), (1µg/ml) A431 (C) and (0.3µg/ml) HepG2 (D) (35µg protein in RIPA buffer). Detected by chemiluminescence.



EB06213 Flow cytometric analysis of paraformaldehyde fixed K562 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.