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

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.

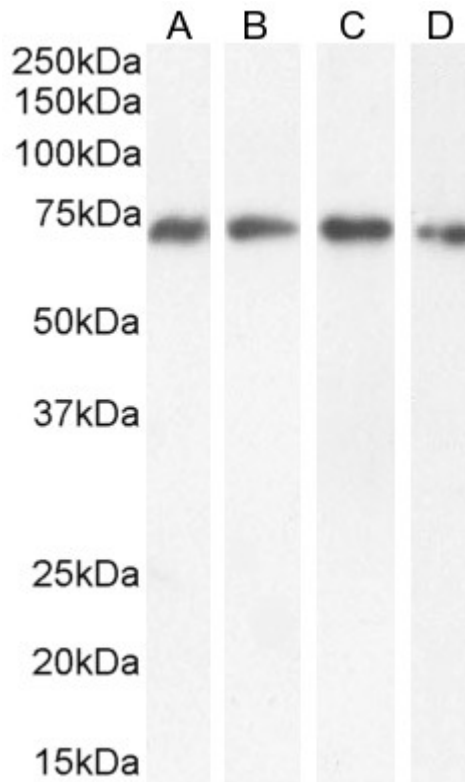
Western blot: Approx. 70kDa band observed in nuclear lysates of cell lines Jurkat, K562, A431 and HepG2 (calculated MW of 53.3kDa according to NP_036478.2). This molecular weight is routinely observed by other sources. Recommended concentration: 0.1-1µg/ml. Primary incubation 1 hour at room temperature.

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

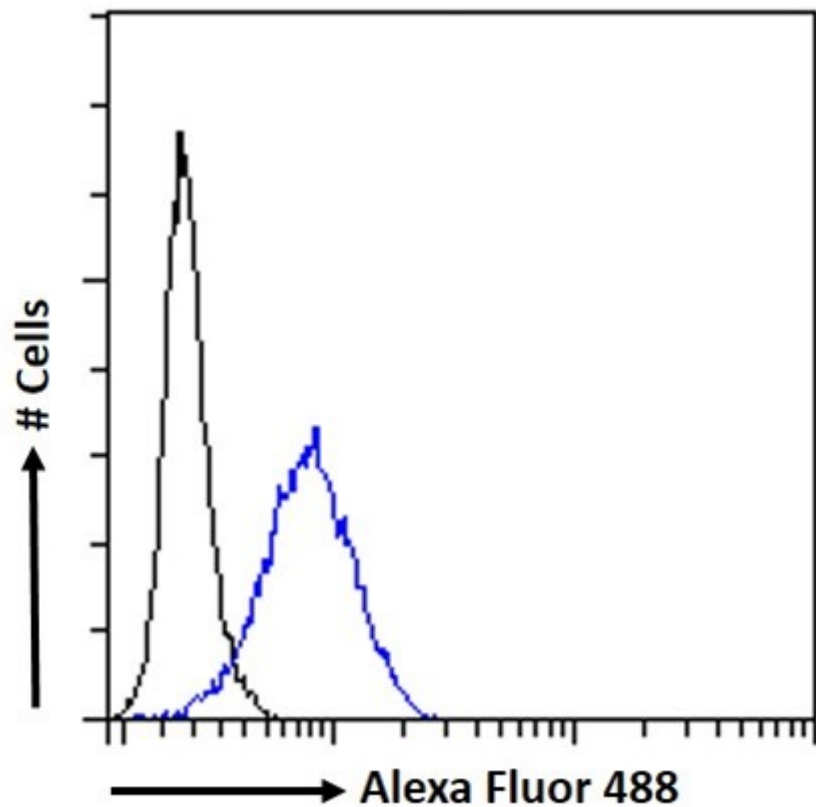
Species Reactivity

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.