

## UK Office

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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.

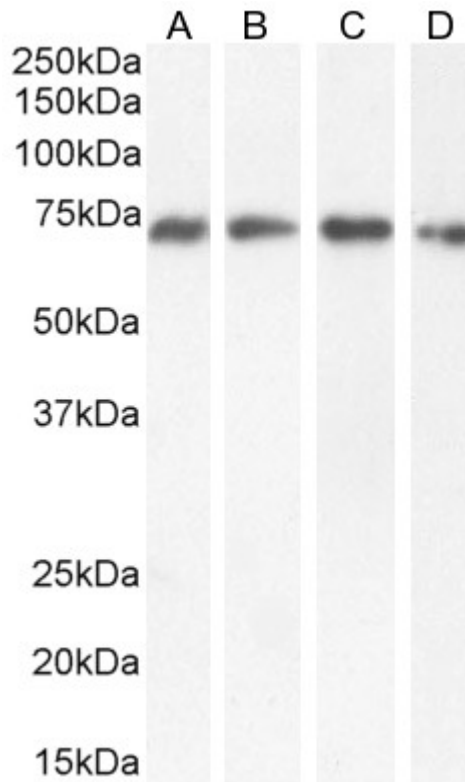
**Western blot:** Approx. 70kDa band observed in nuclear lysates of cell lines Jurkat, K562, A431 and HepG2 (calculated MW of 53.3kDa according to NP\_036478.2). This molecular weight is routinely observed by other sources. Recommended concentration: 0.1-1µg/ml. Primary incubation 1 hour at room temperature.

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

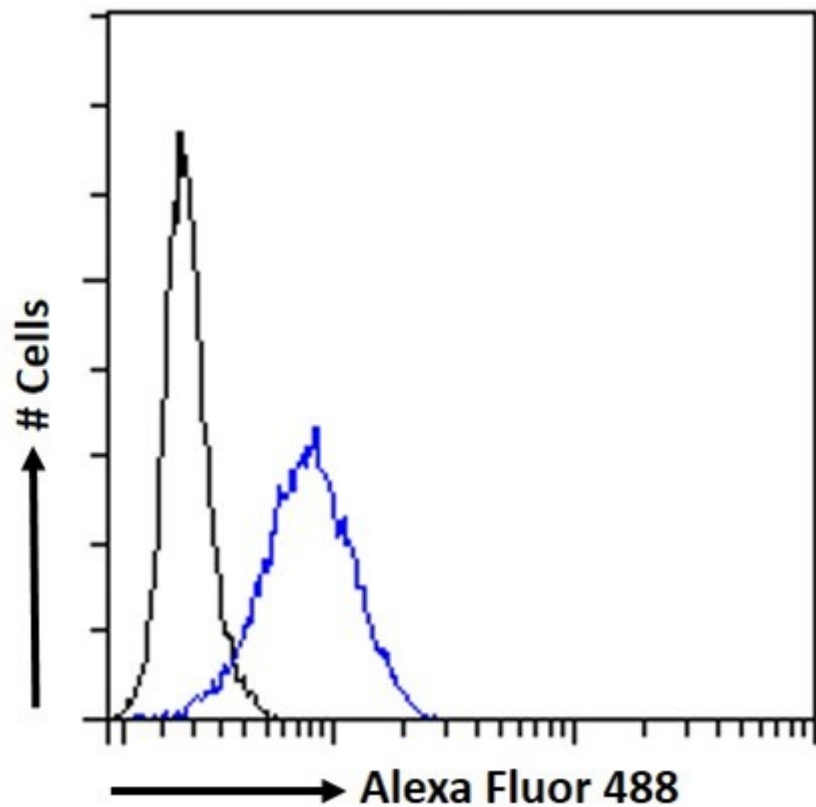
### Species Reactivity

**Tested:** Human

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



EB06213 (0.1 $\mu$ g/ml) staining of nuclear lysates of cell lines Jurkat (A), K562 (B), (1 $\mu$ g/ml) A431 (C) and (0.3 $\mu$ g/ml) HepG2 (D) (35 $\mu$ g 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 (10 $\mu$ g/ml) followed by Alexa Fluor 488 secondary antibody (1 $\mu$ g/ml). IgG control: Unimmunized goat IgG (black line) followed by Alexa Fluor 488 secondary antibody.