

## UK Office

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

## EB06545 - Goat Anti-LRP6 Antibody

Size: 100µg specific antibody in 200µl



### Target Protein

**Principal Names:** LRP6, low density lipoprotein receptor-related protein 6, low density lipoprotein-related protein 6

**Official Symbol:** LRP6

**Accession Number(s):** NP\_002327.2

**Human GeneID(s):** [4040](#)

**Non-Human GeneID(s):** 16974 (mouse)

**Important Comments:** This antibody is expected to recognise an epitope corresponding to aa 1546-1560 of human LRP6 protein.

### Immunogen

Peptide with sequence CMTSVATAKGYTSDL, from the internal region of the protein sequence according to NP\_002327.2.

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.

**IHC:** In paraffin embedded Human Kidney shows luminal membrane staining in DCT.

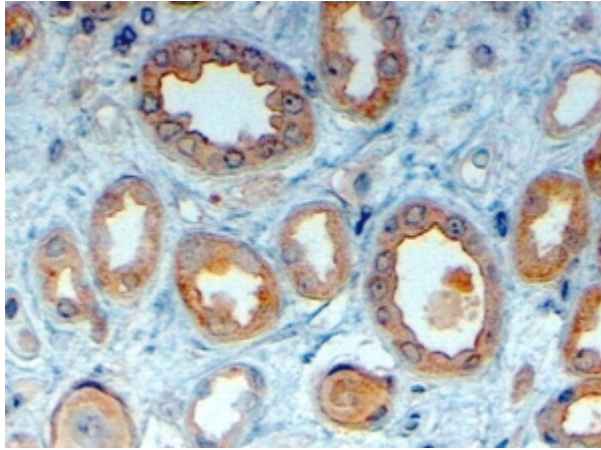
Recommended concentration: 4-6µg/ml.

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

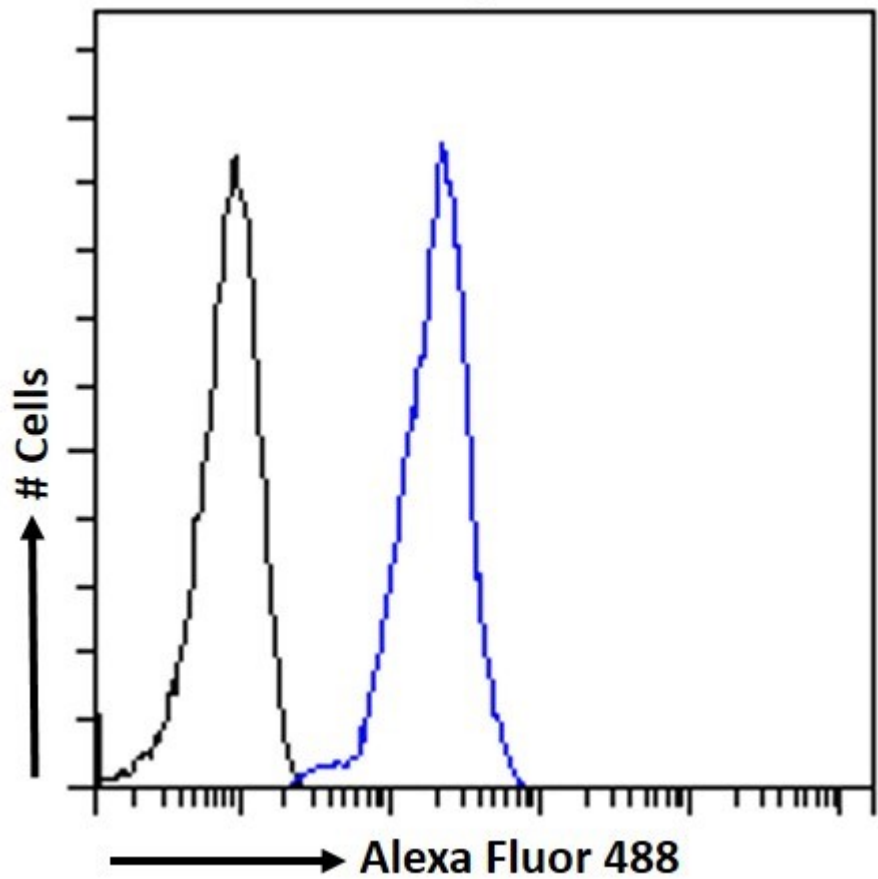
### Species Reactivity

**Tested:** Human

**Expected from sequence similarity:** Human, Mouse, Rat, Dog



EB06545 (4 $\mu$ g/ml) staining of paraffin embedded Human Kidney. Steamed antigen retrieval with citrate buffer pH 6, HRP-staining.



EB06545 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.