

## **UK Office**

**Everest Biotech Ltd** 

Cherwell Innovation Centre

77 Heyford Park Upper Heyford Oxfordshire OX25 5HD

UK

Enquiries:

info@everestbiotech.com

Sales:

sales@everestbiotech.com

Tech support:

support@everestbiotech.com

Tel: +44 (0)1869 238326 Fax: +44 (0)1869 238327

## **US Office**

**Everest Biotech c/o Abcore** 

405 Maple Street, Suite A106

Ramona, CA 92065 USA

Inquiries:

info@everestbiotech.com

Sales:

usasales@everestbiotech.com

Tech support:

support@everestbiotech.com

Tel: 888-320-4628 (toll-free)

Fax: 888-841-9041

www.everestbiotech.com

Research Use Only. Not for diagnostic or therapeutic use.

## EB09583 - Goat Anti-IP6K3 Antibody

Size: 100µg specific antibody in 200µl



**Target Protein** 

Principal Names: IP6K3, inositol hexakisphosphate kinase 3, IHPK3, INSP6K3,

MGC102928, ATP:1D-myo-inositol-hexakisphosphate phosphotransferase, InsP6 kinase

3, OTTHUMP00000016212, inositol hexaphosphate kinase 3

Official Symbol: IP6K3

Accession Number(s): NP\_473452.2

Human GeneID(s): 117283

Non-Human GenelD(s): 271424 (mouse), 688862 (rat)

**Immunogen** 

Peptide with sequence RLCSEYPENKRHR, from the internal region of the protein

sequence according to NP\_473452.2.

Please note the peptide is available for sale.

**Purification and Storage** 

Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity

 $\label{lem:chromatography using the immunizing peptide.} \\$ 

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 1:32000.

Immunofluorescence: Strong expression of the protein seen in HepG2 and U2OS cells.

Recommended concentration: 10µg/ml.

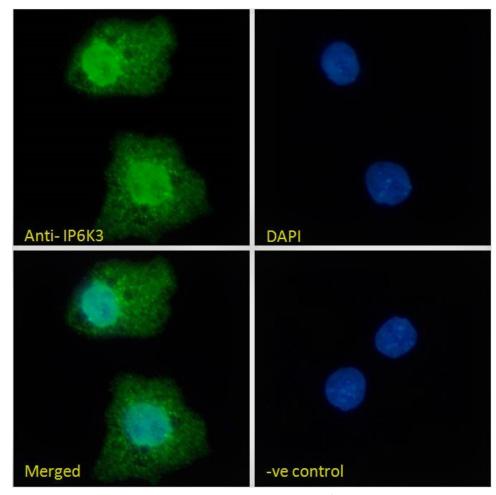
Flow Cytometry: Flow cytometric analysis of HepG2 cells. Recommended concentration:

10ug/ml.

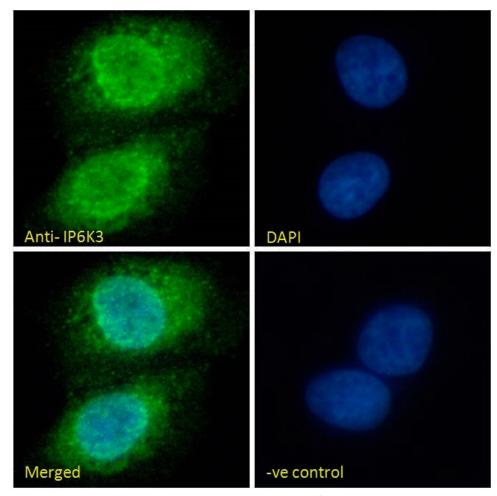
**Species Reactivity** 

Tested: Human

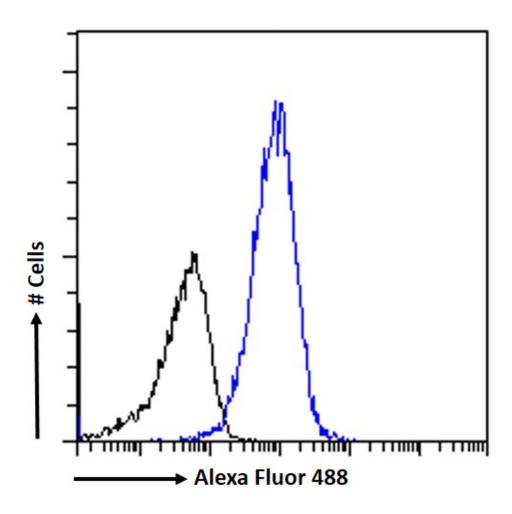
Expected from sequence similarity: Human, Mouse, Rat, Dog, Cow



EB09583 Immunofluorescence analysis of paraformaldehyde fixed HepG2 cells, permeabilized with 0.15% Triton. Primary incubation 1hr (10ug/ml) followed by Alexa Fluor 488 secondary antibody (2ug/ml), showing strong nuclear and some ytoplasmic staining. The nuclear stain is DAPI (blue). Negative control: Unimmunized goat IgG (10ug/ml) followed by Alexa Fluor 488 secondary antibody (2ug/ml).



EB09583 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 nuclear 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).



EB09583 Flow cytometric analysis of paraformaldehyde fixed HepG2 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.