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Research Use Only. Not for diagnostic or therapeutic use.

EB07057 - Goat Anti-ROBO3 (internal) Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: ROBO3, roundabout, axon guidance receptor, homolog 3 (Drosophila), HGNC:13433, FLJ21044, HGPPS, RBIG1, RIG1, retinoblastoma inhibiting gene 1,

roundabout, axon guidance receptor, homolog 3

Official Symbol: ROBO3

Accession Number(s): NP_071765.2

Human GeneID(s): 64221

Immunogen

Peptide with sequence C-RKDGARLKEEEGR, from the internal region of the protein sequence according to NP_071765.2.

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.

Flow Cytometry: Flow cytometric analysis of U2OS cells. Recommended concentration: 10ug/ml. This antibody was successfully used on rheumatoid arthritis synovial fibroblasts (RASF): Denk et al (2010) PMID: 20298552.

Species Reactivity

Tested: Human

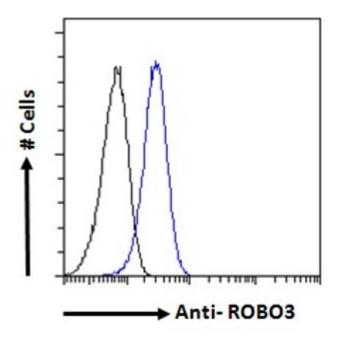
Expected from sequence similarity: Human, Dog

Specific Reference

This antibody has been successfully used in FC on Human:

Denk AE, Kaufmann S, Stark K, Schedel J, Lowin T, Schubert T, Bosserhoff AK. Slit3 inhibits Robo3-induced invasion of synovial fibroblasts in rheumatoid arthritis. Arthritis Res Ther. 2010;12(2):R45.

PMID: 20298552



EB07057 Flow cytometric analysis of paraformaldehyde fixed U2OS 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.