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Research Use Only. Not for diagnostic or therapeutic use.

EB07469 - Goat Anti-STIM1 Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: STIM1, stromal interaction molecule 1, D11S4896E, GOK

Official Symbol: STIM1

Accession Number(s): NP_003147.2; NP_001264890.1; NP_001264891.1

Human GeneID(s): 6786

Non-Human GenelD(s): 20866 (mouse), 361618 (rat)

Immunogen

Peptide with sequence C-YIQNRYSKEHMKK, from the internal region of the protein sequence according to NP_003147.2; NP_001264890.1; NP_001264891.1.

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 1:32000.

Western blot: Successful use of this antibody was reported in Western blot showing an approx. 80kDa in Human platelets: PMID 18439569

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

Specific Reference

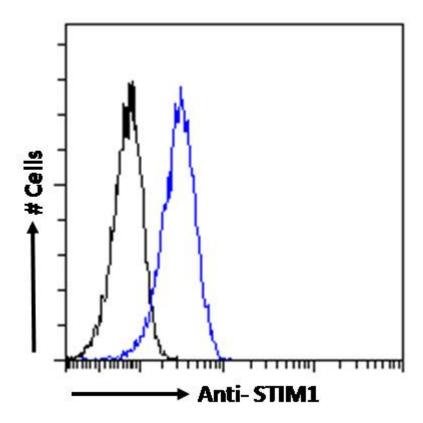
This antibody has been successfully used in WB on Human Platelets (80kDa) in the following paper:

López JJ, Jardín I, Bobe R, Pariente JA, Enouf J, Salido GM, Rosado JA. STIM1 regulates acidic Ca2+ store refilling by interaction with SERCA3 in human

platelets.

Biochem Pharmacol. 2008 Jun 1;75(11):2157-64.

PMID: 18439569



EB07469 Flow cytometric analysis of paraformaldehyde fixed A431 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.