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

EB10744-B - Goat Anti-SDF4 (aa161-175), Biotinylated Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: SDF4, stromal cell derived factor 4, Cab45, 45 kDa calcium-binding protein, OTTHUMP00000001754, SDF-4, calcium binding protein, stromal cell-derived factor 4

Official Symbol: SDF4

Accession Number(s): NP_057631.1; NP_057260.2

Human GeneID(s): [51150](#)

Non-Human GeneID(s): 20318 (mouse), 155173 (rat)

Important Comments: This antibody is expected to recognize both reported isoforms (NP_057631.1; NP_057260.2).

Immunogen

Peptide with sequence C-EYKVKFLASKGHSEK., from the internal region of the protein sequence according to NP_057631.1; NP_057260.2.

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

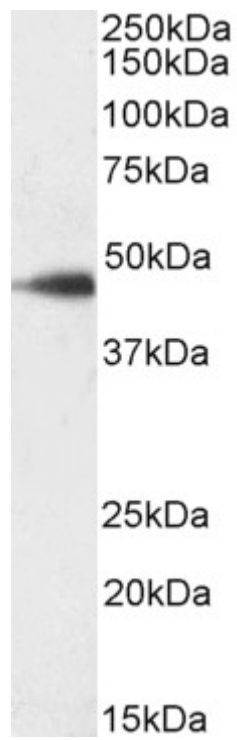
Peptide ELISA: antibody detection limit dilution 1:64000.

Western blot: Approx 45kDa band observed in lysates of cell line Jurkat (calculated MW of 41.8kDa according to NP_057260.2). Recommended concentration: 0.1-0.3µg/ml.

Species Reactivity

Tested: Human

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



Biotinylated EB10744 (0.1 µg/ml) staining of Jurkat lysate (35 µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence, using streptavidin-HRP and using NAP blocker as a substitute for skimmed milk.