

IGSF6 (H-126): sc-134690

BACKGROUND

Ig (immunoglobulin) superfamily members exhibit functional characteristics including immune responses, growth factor signaling and cell adhesion. IGSF6 (immunoglobulin superfamily, member 6), also known as DORA, is a novel 241 amino acid single-pass type I membrane protein that contains one Ig-like C2-type (immunoglobulin-like) domain. Expressed in spleen, Dendritic cells, peripheral blood lymphocytes and lymph node, IGSF6 is induced by TNF α and GM-CSF in dendritic cells and downregulated by ionomycin and PMA in monocytes. IGSF6 may function as a co-receptor in the antigen uptake complex or Dendritic cell recirculation and is encoded by a gene located on human chromosome 16p12.2, a locus associated with inflammatory bowel disease.

REFERENCES

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CHROMOSOMAL LOCATION

Genetic locus: IGSF6 (human) mapping to 16p12.2.

SOURCE

IGSF6 (H-126) is a rabbit polyclonal antibody raised against amino acids 28-153 mapping near the N-terminus of IGSF6 of human origin.

PRODUCT

Each vial contains 200 μ g IgG in 1.0 ml of PBS with < 0.1% sodium azide and 0.1% gelatin.

APPLICATIONS

IGSF6 (H-126) is recommended for detection of IGSF6 of human origin by Western Blotting (starting dilution 1:200, dilution range 1:100-1:1000), immunoprecipitation [1-2 μ g per 100-500 μ g of total protein (1 ml of cell lysate)], immunofluorescence (starting dilution 1:50, dilution range 1:50-1:500) and solid phase ELISA (starting dilution 1:30, dilution range 1:30-1:3000).

Suitable for use as control antibody for IGSF6 siRNA (h): sc-93333, IGSF6 shRNA Plasmid (h): sc-93333-SH and IGSF6 shRNA (h) Lentiviral Particles: sc-93333-V.

Molecular Weight of IGSF6: 27 kDa.

RECOMMENDED SECONDARY REAGENTS

To ensure optimal results, the following support (secondary) reagents are recommended: 1) Western Blotting: use goat anti-rabbit IgG-HRP: sc-2004 (dilution range: 1:2000-1:100,000) or Cruz Marker™ compatible goat anti-rabbit IgG-HRP: sc-2030 (dilution range: 1:2000-1:5000), Cruz Marker™ Molecular Weight Standards: sc-2035, TBS Blotto A Blocking Reagent: sc-2333 and Western Blotting Luminol Reagent: sc-2048. 2) Immunoprecipitation: use Protein A/G PLUS-Agarose: sc-2003 (0.5 ml agarose/2.0 ml). 3) Immunofluorescence: use goat anti-rabbit IgG-FITC: sc-2012 (dilution range: 1:100-1:400) or goat anti-rabbit IgG-TR: sc-2780 (dilution range: 1:100-1:400) with UltraCruz™ Mounting Medium: sc-24941.

STORAGE

Store at 4° C, **DO NOT FREEZE**. Stable for one year from the date of shipment. Non-hazardous. No MSDS required.

RESEARCH USE

For research use only, not for use in diagnostic procedures.

PROTOCOLS

See our web site at www.scbt.com or our catalog for detailed protocols and support products.


 MONOS
Satisfation
Guaranteed

Try **IGSF6 (H-5): sc-377053**, our highly recommended monoclonal alternative to IGSF6 (H-126).