

FCRLM1 (C-19): sc-164390

BACKGROUND

FCRLM1 is a member of the Fc receptor-like (FCRL) family of molecules that may play a fundamental role as an immunomodulatory agent in conventional and subverted B lineage cells. FCRL molecules are implicated in both malignancies and autoimmune disorders. Homologous to the well-known receptors in the Fc division of immunoglobulins (FCR), Fc receptor-like molecules helped contribute many new genes to the immunoglobulin superfamily (IgSF). These genes, located on the human chromosomal region 1q21-23, also display significant diversity between humans and mice. The Fc receptor-like molecules retain dual or autonomous signaling properties, as well as diverse extracellular frameworks and preferential B lineage expression. Strong evidence does not exist for a role as Ig-binding receptors.

REFERENCES

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CHROMOSOMAL LOCATION

Genetic locus: FCRLA (human) mapping to 1q23.3.

SOURCE

FCRLM1 (C-19) is an affinity purified goat polyclonal antibody raised against a peptide mapping at the C-terminus of FCRLM1 of human origin.

PRODUCT

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

Blocking peptide available for competition studies, sc-164390 P, (100 µg peptide in 0.5 ml PBS containing < 0.1% sodium azide and 0.2% BSA).

APPLICATIONS

FCRLM1 (C-19) is recommended for detection of FCRLM1 of human origin by Western Blotting (starting dilution 1:200, dilution range 1:100-1:1000), 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); non cross-reactive with other FCRL family members.

Suitable for use as control antibody for FCRLM1 siRNA (h): sc-63284, FCRLM1 shRNA Plasmid (h): sc-63284-SH and FCRLM1 shRNA (h) Lentiviral Particles: sc-63284-V.

Molecular Weight of FCRLM1: 40 kDa.

Positive Controls: U-698-M whole cell lysate: sc-364799.

RECOMMENDED SECONDARY REAGENTS

To ensure optimal results, the following support (secondary) reagents are recommended: 1) Western Blotting: use donkey anti-goat IgG-HRP: sc-2020 (dilution range: 1:2000-1:100,000) or Cruz Marker™ compatible donkey anti-goat IgG-HRP: sc-2033 (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) Immunofluorescence: use donkey anti-goat IgG-FITC: sc-2024 (dilution range: 1:100-1:400) or donkey anti-goat IgG-TR: sc-2783 (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 **FCRLM1 (N28.1): sc-53583**, our highly recommended monoclonal alternative to FCRLM1 (C-19).