# eotaxin-2 (5C38): sc-71053



The Power to Question

# **BACKGROUND**

Chemokines have been implicated in the regulation of stem/progenitor cell proliferation and movement. The C-C chemokine eotaxin-2 (also known as MPIF-2, CK  $\beta$ -6 or small inducible cytokine A24), which promotes chemotaxis and Ca^2+ mobilization in human eosinophils, exerts its activity solely through the CCR3 receptor. In addition, eotaxin-2 lacks suppressive activity against immature subsets of myeloid progenitors, which have been stimulated to proliferate by multiple growth factors. While eotaxin-2 is functionally similar to eotaxin, they share only 39% amino acid homology and differ almost completely in the NH2-terminal region.

# **REFERENCES**

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# **CHROMOSOMAL LOCATION**

Genetic locus: CCL24 (human) mapping to 7q11.23.

# **SOURCE**

eotaxin-2 (5C38) is a mouse monoclonal antibody raised against recombinant eotaxin-2 of human origin.

# **PRODUCT**

Each vial contains 100  $\mu g \; lg G_1$  in 1.0 ml PBS with < 0.1% sodium azide and 0.1% gelatin.

# **APPLICATIONS**

eotaxin-2 (5C38) is recommended for detection of eotaxin-2 of human origin by Western Blotting (starting dilution 1:200, dilution range 1:100-1:1000).

Suitable for use as control antibody for eotaxin-2 siRNA (h): sc-63311, eotaxin-2 shRNA Plasmid (h): sc-63311-SH and eotaxin-2 shRNA (h) Lentiviral Particles: sc-63311-V.

Molecular Weight of eotaxin-2: 10 kDa.

#### **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 for detailed protocols and support products.