

Product Data Sheet

Cat # AB-12610

Mouse Anti-Human Eotaxin-1 (CCL11) IgG

Size: 100ug

Synonyms:

Small inducible cytokine A11, CCL11, Eosinophil chemotactic protein, chemokine (C-C motif) ligand 11, SCYA11, MGC22554.

Type:

Mouse Anti Human Monoclonal

Introduction:

Chemokine (C-C motif) ligand 11 (CCL11) is a small cytokine belonging to the CC chemokine family that is also known as eotaxin. CCL11 selectively recruits eosinophils by inducing their chemotaxis, and therefore, is implicated in allergic responses. The effects of CCL11 are mediated by its binding to a G-protein-linked receptor known as a chemokine receptor. Chemokine receptors for which CCL11 is a ligand include CCR2, CCR3 and CCR5. The gene for human CCL11 (scya11) is encoded on three exons and is located on chromosome 17. Direct ELISA, Western Blot, Immunoprecipitation.

Immunogen:

Recombinant Human Eotaxin-1

Ig Subclass:

Mouse IgG1; purification by ion exchange column; 1mg/mL in PBS after reconstitution; Reconstitute with sterile H₂O. Mix gently, wash the sides of the vial and wait 30-60 seconds before use.

Storage Procedures:

In lyophilized form, for long periods, store at 4°C in a dry environment. After reconstitution, if not intended for use within a month, aliquot and store at -20°C. Antibody is shipped lyophilized at ambient temperature. Two years lyophilized, one month in solution at 4°C.

Titer:

By direct ELISA, 1:10,000 dilution will yield 0.5 O.D using alkaline phosphatase conjugated rabbit anti-mouse Ig.

Usage:

This item is for LABORATORY RESEARCH USE ONLY. The product may not be used as drugs, agricultural or pesticidal products, food additives or household chemicals. If supplied in powder then reconstitute it in 100 ul water for 1 mg/ml stock and store in liquid at 4°C for ~1 week or aliquots in suitable size and store at -20°C for long term storage.

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