



Anti-CCL11 monoclonal antibody, clone 54022 (DCABY-3947)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	Eotaxin is a potent eosinophil chemoattractant that is a member of the CC chemokine subfamily of inflammatory and immunoregulatory cytokines. At the protein sequence level, mature mouse Eotaxin is approximately 60% identical to mature human and guinea pig Eotaxin. Eotaxin is chemotactic for eosinophils, but not mononuclear cells or neutrophils.
Specificity	Detects human CCL11/Eotaxin in ELISAs and Western blots. In Western blots, this antibody does not cross-react with recombinant human CCL1, 2, 3, 4, 5, 7, 8, 9/10/MIP-1 gamma, 14, 17, 19, 20, 21, 25, recombinant mouse CCL2, 3, 4, 5, 6, 7, 9/10/MIP-1 gamma, 11, 21, or 25.
Immunogen	E. coli-derived recombinant human CCL11/Eotaxin. Gly24-Pro97 Accession Number P51671
Isotype	IgG1
Source/Host	Mouse
Species Reactivity	Human
Clone	54022
Purification	Protein A or G purified from hybridoma culture supernatant
Conjugate	Unconjugated
Applications	Western Blot, Immunohistochemistry, ELISA Capture (Matched Pair), Neutralization
Format	Liquid
Size	500 µg
Buffer	Lyophilized from a 0.2 µm filtered solution in PBS with Trehalose.

Preservative	None
Storage	<p>Use a manual defrost freezer and avoid repeated freeze-thaw cycles.</p> <p>12 months from date of receipt, -20 to -70 °C as supplied.</p> <p>1 month from date of receipt, 2 to 8 °C, reconstituted.</p> <p>6 months from date of receipt, -20 to -70 °C, reconstituted.</p>

GENE INFORMATION

Gene Name	CCL11 chemokine (C-C motif) ligand 11 [Homo sapiens (human)]
Official Symbol	CCL11
Synonyms	CCL11; chemokine (C-C motif) ligand 11; SCYA11; eotaxin; eotaxin-1; eosinophil chemotactic protein; small inducible cytokine subfamily A (Cys-Cys), member 11 (eotaxin);
Entrez Gene ID	6356
Protein Refseq	NP_002977
UniProt ID	P51671
Chromosome Location	17q12
Pathway	Asthma; CXCR3-mediated signaling events; Chemokine receptors bind chemokines; Chemokine signaling pathway; Class A/1 (Rhodopsin-like receptors); Cytokine-cytokine receptor interaction; GPCR ligand binding; IL4-mediated signaling events;
Function	chemokine activity; protein binding;