



Anti-RARRES2 monoclonal antibody, clone 483503 [Biotin] (DCABY-4299)

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

PRODUCT INFORMATION

Antigen Description	Chemerin, also known as Tazarotene-induced Gene 2, (Tig-2), is a member of the Cystatin superfamily. Chemerin is synthesized as a 163 aa precursor that contains a hydrophobic 20 aa N-terminal sequence, an intervening 137 aa Cystatin fold-containing domain, and a six aa C-terminal prosegment. It is activated by proteases of the coagulation, fibrinolytic, and inflammatory cascades. Chemerin is a chemoattractant for cells bearing the Chem R23 receptor, including plasmacytoid dendritic cells and tissue macrophages.
Specificity	Detects mouse Chemerin in ELISAs. In sandwich immunoassays, no cross-reactivity or interference with recombinant human Chemerin, recombinant mouse (rm) Cystatin C, or rmFetuin A is observed.
Immunogen	E. coli-derived recombinant mouse Chemerin. Thr17-Ser156 Accession Number Q9DD06
Isotype	IgG2a
Source/Host	Rat
Species Reactivity	Mouse
Clone	483503
Purification	Protein A or G purified from hybridoma culture supernatant
Conjugate	Biotin
Applications	ELISA Detection (Matched Pair)
Format	Liquid
Size	250 µg

Buffer	Lyophilized from a 0.2 µm filtered solution in PBS with BSA as a carrier protein.
Preservative	None
Storage	Use a manual defrost freezer and avoid repeated freeze-thaw cycles. 12 months from date of receipt, -20 to -70 °C as supplied. 1 month, 2 to 8 °C under sterile conditions after reconstitution. 6 months, -20 to -70 °C under sterile conditions after reconstitution.

GENE INFORMATION

Gene Name	Rarres2 retinoic acid receptor responder (tazarotene induced) 2 [Mus musculus (house mouse)]
Official Symbol	RARRES2
Synonyms	RARRES2; retinoic acid receptor responder (tazarotene induced) 2; AI303516; 0610007L05Rik; retinoic acid receptor responder protein 2; chemerin;
Entrez Gene ID	71660
Protein Refseq	NP_082128
UniProt ID	Q9DD06
Chromosome Location	6 B2.3; 6
Function	protein binding; receptor binding;