



Anti-Mouse Chemerin (#13G2)

20230310DS



FOR RESEARCH ONLY! NOT FOR HUMAN USE!

Cat.-no.:	103-M519
Size:	100 µg
Lot. No.:	According to product label

Preparation: This antibody was produced from a hybridoma (mouse myeloma fused with spleen cells from a rat immunized with mouse recombinant protein Chemerin).

Target Background

Synonyms (Target):	Retinoic acid receptor responder protein 2, Rarres2
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Chemerin, also known as retinoic acid receptor responder protein 2 (RARRES2), tazarotene-induced gene 2 protein (TIG2), or RAR-responsive protein TIG2 is a protein that in humans is encoded by the RARRES2 gene. Chemerin is a chemoattractant protein that acts as a ligand for the G protein-coupled receptor CMKLR1 (also known as ChemR23). Chemerin is a 14 kDa protein secreted in an inactive form as prochemerin and is activated through cleavage of the C-terminus by inflammatory and coagulation serine proteases. Chemerin was found to stimulate chemotaxis of dendritic cells and macrophages to the site of inflammation.

Database References Target

Protein RefSeq:	NP_001334097.1
Uniprot ID:	Q9DD06
mRNA RefSeq:	NM_001347168.1

Product Specifications

Host	Rat
Clonality	Monoclonal Antibody
Clone	(#13G2)
Isotype	IgG2
Purification	Protein G chromatography
Antigen	Mouse recombinant Chemerin
Formulation	lyophilized
Reconstitution buffer	PBS

Application/Handling

Reconstitution: Centrifuge vial prior to opening. Reconstitute the antibody with 500 µl sterile PBS and the final concentration is 200 µg/ml.

Stability: Lyophilized samples are stable for 2 years from date of receipt when stored at -70°C. Reconstituted antibody can be aliquoted and stored frozen at < -20°C for at least for six months without detectable loss of activity.



AVOID REPEATED FREEZE AND THAW CYCLES!

Applications

The antibody can be used within the following applications:

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NOTE: OPTIMAL DILUTIONS SHOULD BE DETERMINED BY EACH LABORATORY FOR EACH APPLICATION!