Anti-Human Chem R23 (#6A30)

20150116ML

FOR RESEARCH ONLY! NOT FOR HUMAN USE!

Cat.-no.:	**101-M322**
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 mouse) immunized with human recombinant protein of Chem R23.

Target Background

Synonyms (Target):	CMKLR1; DEZ; ChemR23; CHEMERINR

ChemR23, also known as Dez in mouse, is a seven-pass transmembrane, G-protein-associated receptor related to the chemoattractant C3a and C5a complement receptors. Although it shows less than 30% amino acid identity to the chemokine receptor family, it shows significant structural similarity. ChemR23 expression is limited to macrophages and dendritic cells. A ligand for ChemR23 has been identified as Chemerin, also known as Tig-2. Receptor-ligand binding elicits chemotaxis of macrophages and immature, but not mature, dendritic cells.

Database References Target

Protein RefSeq:	NP_001135815.1
Uniprot ID:	Q99788
mRNA RefSeq:	NM_001142343.1

Product Specifications

Host	Mouse
Reactivity against	Human
Clonality	Monoclonal Antibody
Clone	(#6A30)
Isotype	IgG2
Purification	Protein G chromatography
Antigen	human recombinant Chem R23
Formulation	lyophilized
Reconstitution buffer	PBS (sterile)

Reconstitution: Reconstitute the antibody with 200 µl sterile PBS and the final concentration is 500 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.

Remarks: This antibody was selected for its ability to detect human Chem R23.

AVOID REPEATED FREEZE AND THAW CYCLES!

Applications

The antibody can be used within the following applications:

FC

Recommended usage:

FC: 1:20-100

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