

Product Datasheet

CCRL2 antibody (orb758803)

Description

Rabbit monoclonal antibody to CCRL2

Species/Host

Rat

Reactivity

Mouse

Conjugation

Unconjugated

Tested

ELISA, FA, FC, ICC, IHC, IP, WB

Applications
Immunogen

This antibody was raised by immunising Wistar Furth rats with the mCCRL2 peptide/KLH conjugate. The immunizing amino-terminal mCCRL2 peptide with the sequence NH₂-MDNYTVAPDDEYDVLILDDYLDNSC-COOH, corresponding to residues 1–24 of mCCRL2, with a nonnative carboxyl-terminal cysteine to facilitate conjugation to keyhole limpet hemocyanin (KLH).

Target

CCRL2

Preservatives

PBS with 0.02% Proclin 300.

Concentration

1 mg/ml

Storage

Store at 4°C for up to 3 months. For longer storage, aliquot and store at -20°C.

Note

For research use only

Application notes

This antibody has been used in various FACS analyses, for instance, to confirm that it is only specific to mCCRL2-hemagglutinin (HA)/L1.2 transfectants and that peritoneal macrophages treated with LPS, TNF α , IFN- γ , or poly:IC up-regulate mCCRL2 protein expression (Zabel et al., 2008). Of note, this antibody binding to mouse peritoneal mast cells could be inhibited by chemerin, a protein ligand for signaling receptor CMKLR1 (Zabel et al., 2008). This anti-CCRL2 antibody can be used in wide variety of assays to study leukocytes and immune response. For example, this antibody has been used to examine the expression, regulation, and function of atypical chemerin receptor CCRL2 on endothelial cells (Monnier et al., 2012) and to delineate how the chemoattractant chemerin suppresses melanoma by recruiting natural killer cell antitumor defenses (Pachynski et al., 2012).

Isotype

IgG

Clonality

Monoclonal