

DESCRIPTION

Species Reactivity	Mouse
Specificity	Detects mouse OCILRP2/CLEC2i in direct ELISAs and Western blots. In Western blots, approximately 25% cross-reactivity with recombinant mouse OCIL is observed.
Source	Polyclonal Goat IgG
Purification	Antigen Affinity-purified
Immunogen	<i>E. coli</i> -derived recombinant mouse OCILRP2/CLEC2i Thr77-Val217 Accession # Q9WVF9
Formulation	Lyophilized from a 0.2 µm filtered solution in PBS with Trehalose. See Certificate of Analysis for details. *Small pack size (-SP) is supplied either lyophilized or as a 0.2 µm filtered solution in PBS.

APPLICATIONS

Please Note: Optimal dilutions should be determined by each laboratory for each application. [General Protocols](#) are available in the Technical Information section on our website.

	Recommended Concentration	Sample
Western Blot	0.1 µg/mL	Recombinant Mouse OCILRP2/CLEC2i

PREPARATION AND STORAGE

Reconstitution	Reconstitute at 0.2 mg/mL in sterile PBS.
Shipping	The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature recommended below. *Small pack size (-SP) is shipped with polar packs. Upon receipt, store it immediately at -20 to -70 °C
Stability & Storage	Use a manual defrost freezer and avoid repeated freeze-thaw cycles. <ul style="list-style-type: none"> 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.

BACKGROUND

OCILRP2, also known as CLRG (C-type lectin related g) and CLEC2i (C-type lectin domain family 2, member i), is a type II transmembrane protein whose gene has been mapped to the natural killer gene complex (NKG) on mouse chromosome 6. By alternative splicing, multiple isoforms exist. OCIL RP2 is expressed on osteoclasts, chondrocytes and lymphoid cell types. It is a ligand for NKrp1f (KLRB1f), another NK receptor on the NKC. OCILRP2 inhibits osteoclast formation and can affect NK cell functions. The extracellular domain of mouse OCILRP2 shares 79% and 74% amino acid sequence identity with that of mouse OCILRP1 and OCIL, respectively. A human OCILRP2 ortholog has not been identified.