

Anti-Osmr Antibody Picoband® Biotin Conjugated

Catalog Number: A04061-2-Biotin

About Osmr

Oncostatin-M specific receptor subunit beta also known as the Oncostatin M receptor (OSMR), is one of the receptor proteins for oncostatin M, that in humans is encoded by the OSMR gene. Oncostatin M is a member of the IL6 family of cytokines. Functional receptors for IL6 family cytokines are multisubunit complexes involving members of the hematopoietin receptor superfamily. Many IL6 cytokines utilize gp130 as a common receptor subunit. OSM binds to the gp130 receptor subunit and, in association with leukemia inhibitory factor receptor, induces a proliferative response in permissive cells. Mosley et al. (1996) used degenerate PCR to clone a novel hematopoietin receptor which they called the oncostatin M-specific receptor beta subunit (OSMR-beta). Sequencing revealed that this gene encodes a 979-amino acid protein containing characteristic motifs of the hematopoietin receptor family.

Overview

Product Name	Anti-Osmr Antibody Picoband® Biotin Conjugated
Reactive Species	Mouse, Rat
Clonality	Polyclonal
Formulation	Each vial contains 50% glycerol, 0.9% NaCl, 0.2% Na ₂ HPO ₄ , 0.02% NaN ₃ .
Storage Instructions	At -20°C for one year from date of receipt. Avoid repeated freezing and thawing.
Host	Rabbit
Uniprot ID	O70458

Technical Details

Immunogen	E.coli-derived mouse Osmr recombinant protein (Position: E673-Q968). Mouse Osmr shares 57.7% and 86.9% amino acid (aa) sequence identity with human and rat Osmr, respectively.
Cross Reactivity	No cross reactivity with other proteins.
Isotype	IgG
Form	Liquid
Concentration	0.5 mg/mL
Purification	Immunogen affinity purified.
Conjugate	Biotin
Suggested Dilutions	The intended application should be selected according to the customer's experimental requirements.

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