

Anti-Osmr Antibody Picoband® Fluoro488 Conjugated

Catalog Number: A04061-2-Fluoro488

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® Fluoro488 Conjugated
Reactive Species	Mouse, Rat
Application	Recommended applications are based on the parent unconjugated antibody (ELISA, Flow Cytometry, WB). Customers may select suitable applications according to their experimental needs.
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. Protect from light.
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	Fluoro488 Excitation Wavelength: 488 nm

	Emission Wavelength: 515-545 nm
Suggested Dilutions	Optimal dilutions should be determined by end users.

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Anti-Osmr Antibody - Fluoro488

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