

Datasheet for ABIN709620

anti-Oncostatin M Receptor antibody (Cy5)[Go to Product page](#)**1** Publication

Overview

Quantity:	100 µL
Target:	Oncostatin M Receptor (OSMR)
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Oncostatin M Receptor antibody is conjugated to Cy5
Application:	Western Blotting (WB)

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human Oncostatin-M receptor
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Purification:	Purified by Protein A.

Target Details

Target:	Oncostatin M Receptor (OSMR)
Alternative Name:	Osmr (OSMR Products)
Background:	Synonyms: Oncostatin M receptor, Oncostatin M specic receptor subunit beta, Interleukin-31 receptor subunit beta, IL-31 receptor subunit beta, IL-31R subunit beta, IL-31R-beta, IL-31RB, Oncostatin-M-specific receptor, beta, OSMRB, MGC140467, MGC150626, MGC150627, MGC75127.

Target Details

Background: 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 the leukemia inhibitory factor receptor, induces a proliferative response in permissive cells. OSMR is an alternative subunit (for an OSM receptor complex (a heterodimer of gp130 and OSMR) that is activated by OSM but not by LIF.

Gene ID: 157869

Pathways: [JAK-STAT Signaling](#), [Growth Factor Binding](#)

Application Details

Application Notes: IF(IHC-P)(1:50-200)

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 µg/µL

Buffer: Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C

Storage Comment: Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.

Expiry Date: 12 months

Publications

Product cited in: Guo, Li, Gong, Xiang, Zhang, Zhao, Li, Zheng, Zhu, Lei, Minoru, Li: "Oncostatin M Confers Neuroprotection against Ischemic Stroke." in: **The Journal of neuroscience : the official journal of the Society for Neuroscience**, Vol. 35, Issue 34, pp. 12047-62, (2015) ([PubMed](#)).