

ARG66002 anti-Oncostatin M antibody

Package: 50 µg
Store at: -20°C

Summary

Product Description	Rabbit Polyclonal antibody recognizes Oncostatin M
Tested Reactivity	Hu
Tested Application	ELISA
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	Oncostatin M
Species	Human
Immunogen	E. coli derived recombinant Human Oncostatin M. (AAIGSCSKEY RVLLGQLQKQ TDLMQDTSRL LDPYIRIQGL DVPKLEHCR ERPGAFPSEE TLRGLGRRGF LQTLNATLGC VLHRLADLEQ RLPKAQDLER SGLNIEDLEK LQMARNILG LRNNIYCMAQ LLDNSDTAEP TKAGRGASQP PTPTPASDAF QRKLEGCRFL HGYHRFMHSV GRVFSKWGES PNRSRRHSPH QALRKGVRRT RPSRKGKRLM TRGQLPR)
Conjugation	Un-conjugated
Alternate Names	OSM; Oncostatin-M

Application Instructions

Application table	<table><thead><tr><th>Application</th><th>Dilution</th></tr></thead><tbody><tr><td>ELISA</td><td>Sandwich: 0.5 - 2.0 µg/ml with ARG66003 as a detection antibody</td></tr></tbody></table>	Application	Dilution	ELISA	Sandwich: 0.5 - 2.0 µg/ml with ARG66003 as a detection antibody
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ELISA	Sandwich: 0.5 - 2.0 µg/ml with ARG66003 as a detection antibody				
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.				

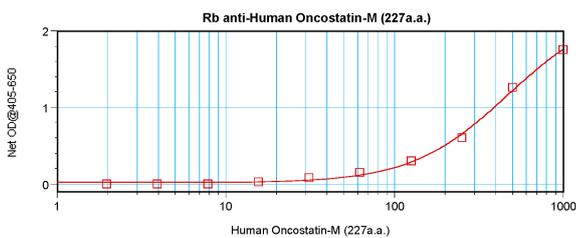
Properties

Form	Liquid
Purification	Affinity purification with immunogen.
Buffer	PBS (pH 7.2)
Concentration	1 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Database links	GeneID: 5008 Human Swiss-port # P13725 Human
Gene Symbol	OSM
Gene Full Name	oncostatin M
Background	Oncostatin M is a member of a cytokine family that includes leukemia-inhibitory factor, granulocyte colony-stimulating factor, and interleukin 6. This gene encodes a growth regulator which inhibits the proliferation of a number of tumor cell lines. It regulates cytokine production, including IL-6, G-CSF and GM-CSF from endothelial cells. [provided by RefSeq, Jul 2008]
Function	Growth regulator. Inhibits the proliferation of a number of tumor cell lines. Stimulates proliferation of AIDS-KS cells. It regulates cytokine production, including IL-6, G-CSF and GM-CSF from endothelial cells. Uses both type I OSM receptor (heterodimers composed of LIPR and IL6ST) and type II OSM receptor (heterodimers composed of OSMR and IL6ST). Involved in the maturation of fetal hepatocytes, thereby promoting liver development and regeneration (By similarity). [UniProt]
Calculated Mw	28 kDa
PTM	Propeptide processing is not important for receptor binding activity but may be important growth-inhibitory activity.

Images



ARG66002 anti-Oncostatin M antibody standard curve image

Sandwich ELISA: ARG66002 anti-Oncostatin M antibody as a capture antibody at 0.5 - 2.0 µg/ml combined with ARG66003 anti-Oncostatin M antibody (Biotin) as a detection antibody. Results of a typical standard run with optical density reading at 405 - 650 nm.