

Datasheet for ABIN116203 **anti-Oncostatin M antibody**

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Overview

Quantity:	50 µg
Target:	Oncostatin M (OSM)
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Oncostatin M antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Enzyme Immunoassay (EIA), Functional Studies (Func)

Product Details

Immunogen:	Highly pure (>98%) E.coli derived recombinant Human Oncostatin M.
Specificity:	Human Oncostatin M.
Purification:	Affinity Chromatography employing immobilized Human Oncostatin M matrix

Target Details

Target:	Oncostatin M (OSM)
Alternative Name:	Oncostatin-M (OSM Products)
Background:	Synonyms: OSM
Molecular Weight:	approx. 150 KDa
Gene ID:	5008

Target Details

NCBI Accession:	NP_065391
UniProt:	P13725
Pathways:	JAK-STAT Signaling , Negative Regulation of Hormone Secretion

Application Details

Application Notes:	Neutralization: To yield one-half maximal inhibition [ND50] of the biological activity of human Oncostatin M (10 ng/mL), a concentration of 0.1 - 0.175 µg/mL of this antibody is required. Immunohistochemistry: We recommend use of 1 µg per ml as a starting dilution. Paraffin sections may require pretreatment like Proteinase K or Trypsin predigestion to improve staining. ELISA: To detect human Oncostatin M by direct ELISA (using 100 l/well antibody solution) a concentration of at least 0.5 µg/mL of this antibody is required. This antigen affinity purified antibody, in conjunction with compatible secondary reagents, allows the detection of 0.2 - 0.4 ng/well of recombinant human Oncostatin M. Western Blot: use a concentration of 0.1 - 0.2 µg/mL. Used in conjunction with compatible secondary reagents the detection limit for recombinant human Oncostatin M is 1.5 - 3.0 ng/lane, under either reducing or non-reducing conditions. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Restrictions:	For Research Use only

Handling

Reconstitution:	Restore in sterile water to a concentration of 0.1-1.0 mg/mL.
Buffer:	PBS, pH 7.2 without preservatives
Preservative:	Without preservative
Handling Advice:	Avoid repeated freezing and thawing. Centrifuge vial prior to opening!
Storage:	4 °C/-20 °C
Storage Comment:	Prior to reconstitution store at 2-8 °C. Following reconstitution store the antibody at -20 °C.