

## OSM

### Rabbit Anti-Human Oncostatin M Affinity Purified pAb

<b>Catalog No.</b>	PA1112 PA1112BT	<b>Quantity:</b>	100 µg 50 µg
<b>Description:</b>	Oncostatin M (OSM) is a member of a cytokine family that includes Leukemia-Inhibitory Factor (LIF), Granulocyte Colony-Stimulating Factor (G-CSF), and Interleukin-6 (IL6). OSM is a growth regulator which inhibits the proliferation of a number of tumor cell lines. It regulates cytokine production, including IL6, G-CSF and GM-CSF from endothelial cells.		
<b>Specificity:</b>	Human		
<b>Host:</b>	Rabbit		
<b>Immunogen:</b>	Recombinant Human Oncostatin M		
<b>Formulation:</b>	Lyophilized from a sterile-filtered 0.5X PBS pH 7.2 solution.		
<b>Purification:</b>	Affinity chromatography employing immobilized Human OSM matrix		
<b>Reconstitution:</b>	<b>Centrifuge vial prior to opening.</b> Reconstitute with sterile water to a concentration of 0.1-1.0 mg/mL.		
<b>Applications:</b>	<p><b>Neutralization:</b></p> <p>To yield one-half maximal inhibition [ND<sub>50</sub>] of the biological activity of Human OSM (10 ng/mL), a concentration of 0.100 -0.175 µg/mL</p> <p><b>Direct ELISA:</b></p> <p>use 100 µl/well antibody solution, a concentration of at least 0.5 µg/mL is required. Used in conjunction with compatible secondary reagents, allows the detection of 0.2- 0.4 ng/well of recombinant Human OSM.</p> <p><b>Western Blot:</b></p> <p>use at a concentration of 0.1-0.2 µg/mL. Used in conjunction with compatible secondary reagents the detection limit for recombinant Human OSM is 1.5-3.0 ng/lane, under either reducing or non-reducing conditions.</p> <p>The optimal concentration should be determined by the user for each specific application.</p>		
<b>Storage &amp; Stability:</b>	Stable for at least 6 months when kept at -20°C. After reconstitution, stable at 2-4°C for at least one six weeks without detectable loss of activity. Frozen aliquots of this solution are stable for at least 6 months when kept at -20°C. <b>Avoid more than one freeze-thaw cycle.</b>		

**NOT FOR HUMAN USE. FOR RESEARCH ONLY. NOT FOR DIAGNOSTIC OR THERAPEUTIC USE.**