

## Product Datasheet

# Recombinant CD38 (ADP Ribosyl Cyclase I) Antibody (orb751093)

<b>Description</b>	Mouse monoclonal antibody to CD38
<b>Species/Host</b>	Mouse
<b>Reactivity</b>	Human
<b>Conjugation</b>	Unconjugated
<b>Tested Applications</b>	IHC, WB
<b>Immunogen</b>	Synthetic peptide corresponding to residues within aa 200-300 of human CD38 (exact sequence is proprietary)
<b>Target</b>	CD38
<b>Preservatives</b>	200ug/ml of Ab purified from Bioreactor Concentrate by Protein A/G. Prepared in 10mM PBS with 0.05% rAlbumin & 0.05% azide. Also available WITHOUT rAlbumin & azide at 1.0mg/ml.
<b>Form/Appearance</b>	200ug/ml of Ab produced in CHO cell mammalian-based expression system. Prepared in 10mM PBS with 0.05% rAlbumin & 0.05% azide. Also available WITHOUT rAlbumin & azide at 1.0mg/ml.
<b>Concentration</b>	200 µg/ml
<b>Storage</b>	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
<b>Note</b>	For research use only
<b>Application notes</b>	Positive Control: Human tonsil or spleen. Raji cells
<b>Isotype</b>	IgG2a
<b>Clonality</b>	Monoclonal

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<b>Clone Number</b>	rCD38/6447
<b>MW</b>	~45kDa (Glycoprotein); 35kDa (protein core)
<b>Uniprot ID</b>	<b>P28907</b>
<b>Entrez</b>	<b>952</b>
<b>Dilution Range</b>	Western Blot (1-2ug/ml); ,Immunohistochemistry (Formalin-fixed) (1-2ug/ml for 30 minutes at RT),(Staining of formalin-fixed tissues requires heating tissue sections in 10mM Tris with 1mM EDTA, pH 9.0, for 45 min at 95 °C followed by cooling at RT for 20 minutes),Optimal dilution for a specific application should be determined.
<b>Expiration Date</b>	12 months from date of receipt.

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