

## Product Datasheet

### Recombinant CD38 Antibody (orb1151661)

<b>Catalog Number</b>	orb1151661
<b>Category</b>	Antibodies
<b>Description</b>	Rabbit monoclonal antibody to CD38
<b>Clonality</b>	Recombinant
<b>Species/Host</b>	Rabbit
<b>Isotype</b>	Rabbit IgG, kappa
<b>Conjugation</b>	Unconjugated
<b>Reactivity</b>	Human
<b>Buffer/Preservatives</b>	0.2 mg/ml in 1X PBS with 0.1 mg/ml rAlbumin, 0.05% sodium azide
<b>Purification</b>	Protein A/G affinity
<b>Immunogen</b>	A portion of amino acids 200-300 of human CD38 protein was used as the immunogen for the recombinant CD38 antibody.
<b>UniProt ID</b>	<b>P28907</b>
<b>Tested applications</b>	IHC-P, WB
<b>Dilution range</b>	Western blot: 1-2ug/ml, Immunohistochemistry (FFPE): 1-2ug/ml
<b>Application notes</b>	Optimal dilution of the recombinant CD38 antibody should be determined by the researcher.
<b>Antibody Type</b>	Primary Antibody
<b>Clone Number</b>	CD38/6448R

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**Storage**

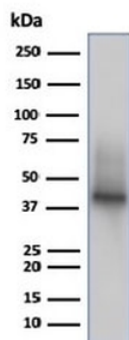
Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

**Note**

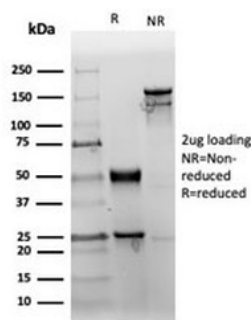
For research use only

**Expiration Date**

12 months from date of receipt.



Western blot testing of human Raji cell lysate using recombinant CD38 antibody (clone CD38/6448R). Expected molecular weight: 34-46 kDa depending on glycosylation level.



SDS-PAGE analysis of purified, BSA-free recombinant CD38 antibody (clone CD38/6448R) as confirmation of integrity and purity.

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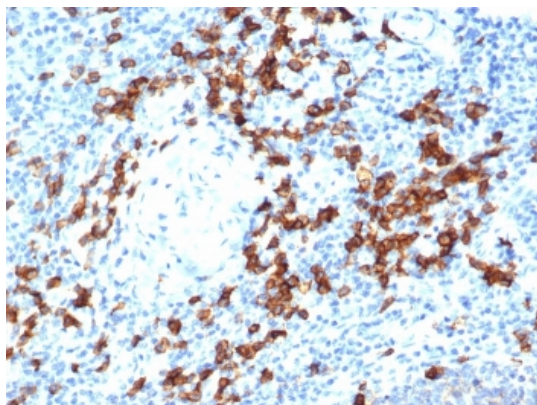
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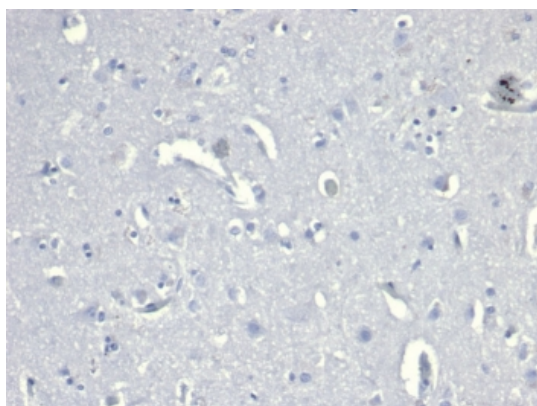
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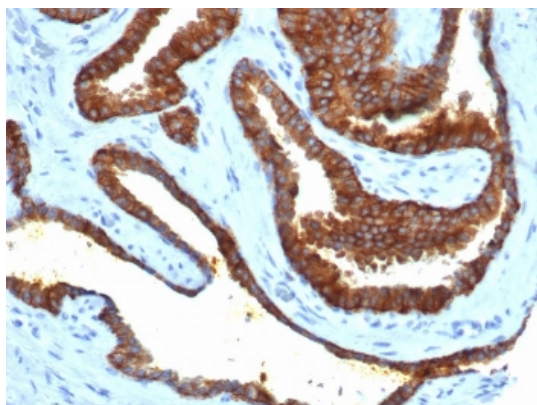
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IHC staining of FFPE human tonsil tissue with recombinant CD38 antibody (clone CD38/6448R) at 2 ug/ml in PBS for 30 min RT. Strong cytoplasmic and membranous staining is observed. HIER: boil tissue sections in pH9 10mM Tris with 1mM EDTA for 20 min and allow to cool before testing.



Negative control: IHC staining of FFPE human brain tissue with recombinant CD38 antibody (clone CD38/6448R) at 2 ug/ml in PBS for 30 min RT. HIER: boil tissue sections in pH9 10mM Tris with 1mM EDTA for 20 min and allow to cool before testing.



IHC staining of FFPE human prostate adenocarcinoma tissue with recombinant CD38 antibody (clone CD38/6448R) at 2 ug/ml in PBS for 30 min RT. Strong cytoplasmic and membranous staining observed. HIER: boil tissue sections in pH9 10mM Tris with 1mM EDTA for 20 min and allow to cool before testing.

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