

# Product Datasheet

## CD38 Antibody (6E12D) - BSA Free NBP1-47462

Unit Size: 0.1 ml

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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**NBP1-47462**

CD38 Antibody (6E12D) - BSA Free

<b>Product Information</b>	
<b>Unit Size</b>	0.1 ml
<b>Concentration</b>	This product is unpurified. The exact concentration of antibody is not quantifiable.
<b>Storage</b>	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
<b>Clonality</b>	Monoclonal
<b>Clone</b>	6E12D
<b>Preservative</b>	0.03% Sodium Azide
<b>Isotype</b>	IgG1
<b>Purity</b>	Unpurified
<b>Buffer</b>	Ascites
<b>Target Molecular Weight</b>	34.3 kDa

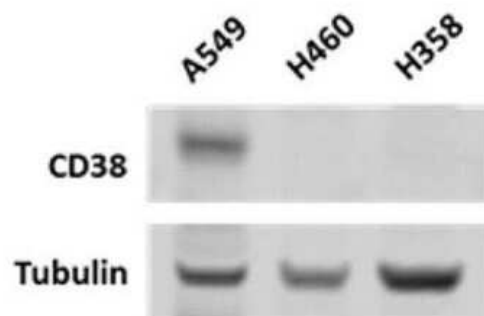
<b>Product Description</b>	
<b>Host</b>	Mouse
<b>Gene ID</b>	952
<b>Gene Symbol</b>	CD38
<b>Species</b>	Human
<b>Immunogen</b>	Purified recombinant fragment of human CD38 expressed in E. Coli.

<b>Product Application Details</b>	
<b>Applications</b>	Western Blot, ELISA, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
<b>Recommended Dilutions</b>	Western Blot 1:500-1:2000, ELISA 1:10000, Immunohistochemistry 1:200 - 1:1000, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry-Paraffin 1:200 - 1:1000
<b>Application Notes</b>	Use in ICC/IF reported in scientific literature (PMID: 28573863).

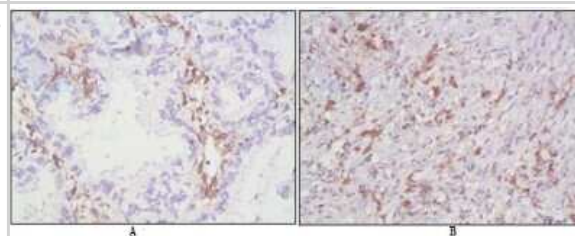


## Images

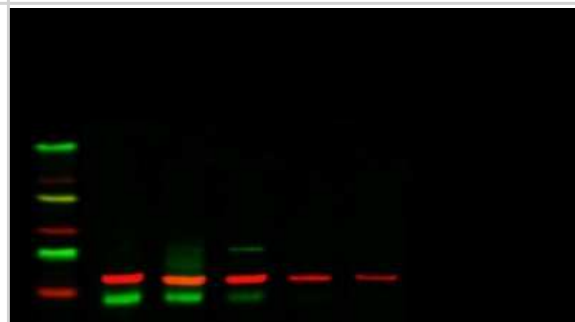
Western Blot: CD38 Antibody (6E12D) [NBP1-47462] - Detection of CD38 in three non-small cell lung cancer cell lines. Western blot image submitted by a verified customer review.



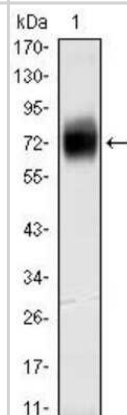
Immunohistochemistry-Paraffin: CD38 Antibody (6E12D) [NBP1-47462] - Analysis of human lung cancer (A), lymphonodus tissue (B), showing cytomembrane localization using CD38 mouse mAb with DAB staining.



Western Blot: CD38 Antibody (6E12D) [NBP1-47462] - CD38 expression in 5 B cell lymphoma cell lines. Western blot image submitted by a verified customer review.



Western Blot: CD38 Antibody (6E12D) [NBP1-47462] - Analysis using CD38 mouse mAb against CD38-hlgGfc transfected HEK293 cell lysate.



## Publications

Ehlerding EB, England CG, Jiang D et al. CD38 as a PET imaging target in lung cancer. *Molecular Pharmaceutics* 2017-06-07 [PMID: 28573863] (WB, ICC/IF, Human)



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### **Products Related to NBP1-47462**

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HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-97005-0.5mg	Mouse IgG1 Isotype Control (MG1)
NBP2-52339-0.05mg	Recombinant Human CD38 His Protein

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### **Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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