

Product Datasheet

Sulfatase-2/SULF2 Antibody (2B4) - Azide and BSA Free NBP2-80967

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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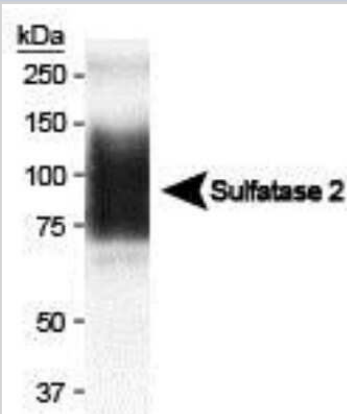
NBP2-80967

Sulfatase-2/SULF2 Antibody (2B4) - Azide and BSA Free

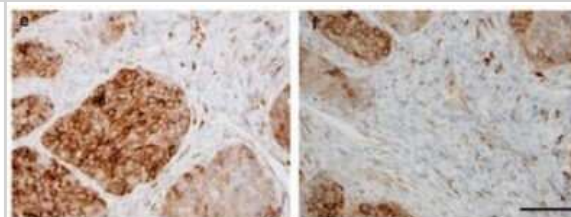
| Product Information | |
|------------------------------------|---|
| Unit Size | 0.1 ml |
| Concentration | 1 mg/ml |
| Storage | Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles. |
| Clonality | Monoclonal |
| Clone | 2B4 |
| Preservative | No Preservative |
| Isotype | IgG1 |
| Purity | Protein G purified |
| Buffer | PBS |
| Product Description | |
| Host | Mouse |
| Gene ID | 55959 |
| Gene Symbol | SULF2 |
| Species | Human, Mouse |
| Immunogen | Partial recombinant human Sulfatase 2 isoform b [Accession# NP_940998]. |
| Product Application Details | |
| Applications | Western Blot, ELISA, Flow Cytometry, Immunohistochemistry, Immunohistochemistry-Paraffin, Immunoprecipitation, CyTOF-ready |
| Recommended Dilutions | Western Blot 1:1000, Flow Cytometry reported by customer review on FITC-conjugated antibody., ELISA 1:100-1:2000, Immunohistochemistry 1:250-1:500, Immunoprecipitation 1:10-1:100, Immunohistochemistry-Paraffin 1:250-1:500, CyTOF-ready |
| Application Notes | For WB a band can be seen at 50 kDa. Other bands may be seen at 135 kDa (unprocessed protein) and 37 kDa (fragment of 50 kDa subunit). For ELISA, use this antibody at 1-10 ug/ml for capture and 1-5 ug/ml for detection. It has been reported that NBP1-36727 picks up a 130 kDa band that is not Sulfatase 2 in human plasma. Because of this we do not recommend NBP1-36727 for capture of the human protein. This antibody is CyTOF ready. |

Images

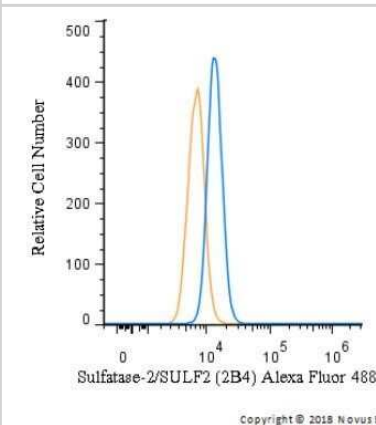
Western Blot: Sulfatase-2/SULF2 Antibody (2B4) - Azide and BSA Free [NBP2-80967] - Analysis showing Sulfatase 2 expression in MCF7 conditioned media (CM). In CM, the 75 kDa band is dominant (Tang R, Rosen SD. J Biol Chem. 2009 Aug 7;284(32):21505-14). Image courtesy of Mark Singer at UCSF. Image from the standard format of this antibody.



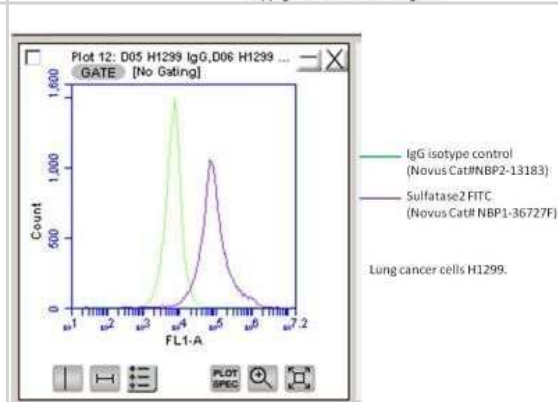
Immunohistochemistry: Sulfatase-2/SULF2 Antibody (2B4) - Azide and BSA Free [NBP2-80967] - Immunohistochemical analysis of Sulfatase 2 in non-small-cell lung carcinoma. (left) lung squamous cell carcinoma stained with 2B4 antibody and (right) tumor-associated stromal cells stained with 2B4 antibody. Image courtesy of Mark Singer at UCSF. Image



Flow Cytometry: Sulfatase-2/SULF2 Antibody (2B4) - Azide and BSA Free [NBP2-80967] - An intracellular stain was performed on HeLa cells with Sulfatase-2/SULF2 Antibody (2B4) NBP1-36727AF488 and a matched isotype control (orange). Cells were fixed with 4% PFA and then permeabilized with 0.1% saponin. Cells were incubated in an antibody dilution of 10 ug/mL for 30 minutes at room temperature. Both antibodies were directly conjugated to Alexa Fluor 488.



Flow Cytometry: Sulfatase-2/SULF2 Antibody (2B4) - Azide and BSA Free [NBP2-80967] - Analysis using the FITC conjugate of NBP1-36727. Staining of Human lung cancer line with Sulfatase2-FITC. Image from verified customer review.





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Products Related to NBP2-80967

| | |
|-------------------|--|
| 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) |
| H00055959-P02-2ug | Recombinant Human Sulfatase-2/SULF2 GST (N-Term) Protein |

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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