

Product Datasheet

CD44 Antibody (8E2F3) [Alexa Fluor® 647] NBP1-47386AF647

Unit Size: 0.1 ml

Store at 4C in the dark.

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NBP1-47386AF647

CD44 Antibody (8E2F3) [Alexa Fluor® 647]

| Product Information | |
|---------------------|---|
| Unit Size | 0.1 ml |
| Concentration | Please see the vial label for concentration. If unlisted please contact technical services. |
| Storage | Store at 4C in the dark. |
| Clonality | Monoclonal |
| Clone | 8E2F3 |
| Preservative | 0.05% Sodium Azide |
| Isotype | IgG1 |
| Conjugate | Alexa Fluor 647 |
| Purity | Ammonium sulfate precipitation |
| Buffer | 50mM Sodium Borate |

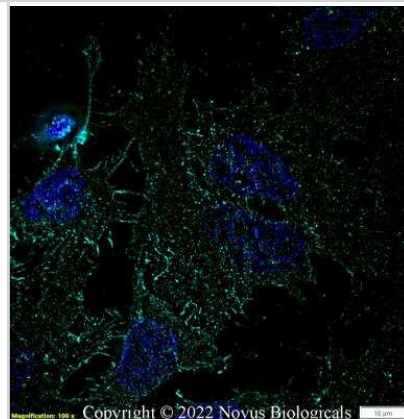
| Product Description | |
|---------------------|--|
| Host | Mouse |
| Gene ID | 960 |
| Gene Symbol | CD44 |
| Species | Human, Mouse, Rabbit (Negative) |
| Reactivity Notes | Not reactive to rabbit per customer review. |
| Marker | Cell Membrane Marker |
| Immunogen | Purified recombinant fragment of human CD44 (628-699) expressed in E. coli. [Uniprot: P16070] |
| Notes | Alexa Fluor (R) products are provided under an intellectual property license from Life Technologies Corporation. The purchase of this product conveys to the buyer the non-transferable right to use the purchased product and components of the product only in research conducted by the buyer (whether the buyer is an academic or for-profit entity). The sale of this product is expressly conditioned on the buyer not using the product or its components, or any materials made using the product or its components, in any activity to generate revenue, which may include, but is not limited to use of the product or its components: (i) in manufacturing; (ii) to provide a service, information, or data in return for payment; (iii) for therapeutic, diagnostic or prophylactic purposes; or (iv) for resale, regardless of whether they are resold for use in research. For information on purchasing a license to this product for purposes other than as described above, contact Life Technologies Corporation, 5791 Van Allen Way, Carlsbad, CA 92008 USA or outlicensing@lifetech.com . This conjugate is made on demand. Actual recovery may vary from the stated volume of this product. The volume will be greater than or equal to the unit size stated on the datasheet. |

| Product Application Details | |
|-----------------------------|--|
| Applications | Western Blot, ELISA, Flow Cytometry, Flow (Intracellular), Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin, Immunoprecipitation |
| Recommended Dilutions | Western Blot, Flow Cytometry, ELISA, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence, Immunoprecipitation, Immunohistochemistry-Paraffin, Flow (Intracellular) |
| Application Notes | Optimal dilution of this antibody should be experimentally determined. |

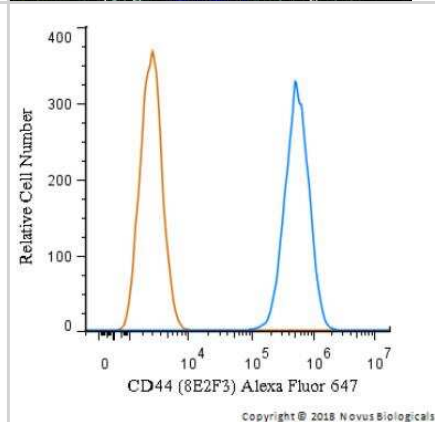


Images

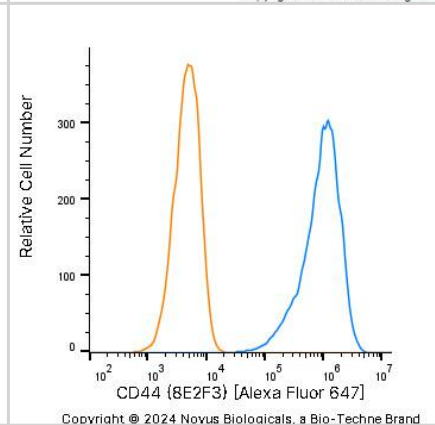
Immunocytochemistry/Immunofluorescence: CD44 Antibody (8E2F3) [Alexa Fluor® 647] [NBP1-47386AF647] - HeLa cells were fixed in 4% paraformaldehyde for 10 minutes and permeabilized in 0.05% Triton X-100 in PBS for 5 minutes. The cells were incubated with CD44 Antibody [8E2F3] conjugated to Alexa Fluor 647 (NBP1-47386AF647) at 5 ug/ml for 1 hour at room temperature. Nuclei were counterstained with DAPI (Blue). Cells were imaged using a 100X objective and digitally deconvolved.



Flow (Intracellular): CD44 Antibody (8E2F3) [Alexa Fluor 647] [NBP1-47386AF647] - An intracellular stain was performed on HeLa cells with CD44 Antibody (8E2F3) NBP1-47386AF647 (blue) 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 2.5 ug/mL for 30 minutes at room temperature. Both antibodies were conjugated to Alexa Fluor 647.



U-251 MG human glioblastoma cell line was stained with Mouse anti-CD44 (8E2F3) Protein-G purified Monoclonal Antibody conjugated to Alexa Fluor® 647 (Catalog # NBP1-47386AF647, blue histogram) or matched control antibody (orange histogram).





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Products Related to NBP1-47386AF647

| | |
|-----------------|---|
| NBP1-97005AF647 | Mouse IgG1 Isotype Control (MG1) [Alexa Fluor® 647] |
| NBP1-84578PEP | CD44 Recombinant Protein Antigen |
| 210-TA-005 | TNF-alpha [Unconjugated] |
| 3660-CD-050 | CD44 [Unconjugated] |

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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