

Product Datasheet

CD44 Antibody (DF1485) [PE] NBP3-11454PE

Unit Size: 0.1 ml

Store at 4C in the dark.

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NBP3-11454PE

CD44 Antibody (DF1485) [PE]

| 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 | DF1485 |
| Preservative | 0.05% Sodium Azide |
| Isotype | IgG1 Kappa |
| Conjugate | PE |
| Purity | Protein A or G purified |
| Buffer | PBS |
| Product Description | |
| Host | Mouse |
| Gene ID | 960 |
| Gene Symbol | CD44 |
| Species | Human, Mouse |
| Specificity/Sensitivity | Recognizes a cell surface glycoprotein of 80-95kDa (CD44) on lymphocytes, monocytes, and granulocytes (Leucocyte Typing Workshop V). Its epitope is resistant to digestion by trypsin and chymotrypsin. The CD44 family of glycoproteins exists in a number of variant isoforms, the most common being the standard 85-95kDa or hematopoietic variant (CD44s). Higher molecular weight isoforms are described in epithelial cells (CD44v), which are believed to function in intercellular adhesion and stromal binding. CD44 immunostaining is commonly used for the discrimination of urothelial transitional cell carcinoma in-situ from non-neoplastic changes in the urothelium. |
| Immunogen | Purified CD44 antigen (PGp-1) from lymphocyte membrane (Uniprot: P16070) |
| Product Application Details | |
| Applications | Flow Cytometry, Immunocytochemistry/Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin, Immunofluorescence |
| Recommended Dilutions | Flow Cytometry, Immunohistochemistry, Immunocytochemistry/Immunofluorescence, Immunohistochemistry-Paraffin, Immunofluorescence |
| Application Notes | Optimal dilution of this antibody should be experimentally determined. |

Images

CD44 Antibody (DF1485) [PE] [NBP3-11454PE] - Vial of PE conjugated antibody. PE has two excitation maxima, 498 nm excited by the Blue laser (488 nm) and 565 nm excited by the Yellow-Green laser (561 nm). Both result in emission at 578 nm.



PE

| LASER (nm) | FILTER |
|------------|--------|
| Blue (488) | 582/15 |
| Y-G (561) | |

| EXCITATION MAX (nm) | EMISSION MAX (nm) |
|---------------------|-------------------|
| 498 | 578 |
| 565 | |



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Products Related to NBP3-11454PE

| | |
|--------------------|--|
| NBP1-43319PE-0.5ml | Mouse IgG1 Kappa Isotype Control (P3.6.2.8.1) [PE] |
| 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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