

Product Datasheet

CD68/SR-D1 Antibody (ED1) [DyLight 405] NB600-985V

Unit Size: 0.125 ml

Store at 4C in the dark.

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NB600-985V

CD68/SR-D1 Antibody (ED1) [DyLight 405]

| Product Information | |
|------------------------------------|--|
| Unit Size | 0.125 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 | ED1 |
| Preservative | 0.05% Sodium Azide |
| Isotype | IgG1 |
| Conjugate | DyLight 405 |
| Purity | Protein A or G purified |
| Buffer | 50mM Sodium Borate |
| Product Description | |
| Description | 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. |
| Host | Mouse |
| Gene ID | 968 |
| Gene Symbol | CD68 |
| Species | Rat |
| Reactivity Notes | Mouse reactivity reported in scientific literature (PMID: 28747511). Monkey reactivity reported from a verified customer review. |
| Marker | Macrophage Marker |
| Specificity/Sensitivity | This CD68/SR-D1 Antibody (ED1) recognizes a single chain glycoprotein of 110 kDa that is expressed predominantly on the lysosomal membrane of myeloid cells. Weak cell surface expression also occurs. The antigen is expressed by the majority of tissue macrophages and weakly by peripheral blood granulocytes. Studies have shown that the antigen recognized by ED1 is the rat homologue of human CD68. |
| Immunogen | Rat spleen cells |
| Notes | DyLight (R) is a trademark of Thermo Fisher Scientific Inc. and its subsidiaries. |
| Product Application Details | |
| Applications | Western Blot, Flow Cytometry, Flow (Intracellular), Immunocytochemistry/Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Frozen, Immunohistochemistry-Paraffin, Immunoprecipitation, Radioimmunoassay |
| Recommended Dilutions | Western Blot, Flow Cytometry, Immunohistochemistry, Immunocytochemistry/Immunofluorescence, Immunoprecipitation, Immunohistochemistry-Paraffin, Immunohistochemistry-Frozen, Radioimmunoassay, Flow (Intracellular) |



Publications

BJ Hurtgen, CL Ward, CM Leopold Wa, K Garg, SM Goldman, BEP Henderson, TO McKinley, SM Greising, JC Wenke, BT Corona Autologous minced muscle grafts improve endogenous fracture healing and muscle strength after musculoskeletal trauma *Physiol Rep*, 2017-07-01;5(14):. 2017-07-01 [PMID: 28747511]

Shiels SM, Mangum LH, Wenke JC Revisiting the "race for the surface" in a pre-clinical model of implant infection *Eur Cell Mater* [PMID: 31995226] (FLOW, Rat)





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Products Related to NB600-985V

| | |
|-------------------|--|
| NBP1-97005V-0.5ml | Mouse IgG1 Isotype Control (MG1) [DyLight 405] |
| NB600-985APC | CD68/SR-D1 Antibody (ED1) [Allophycocyanin] |
| NBP2-53081-50ug | Recombinant Human CD68/SR-D1 His Protein |
| 210-TA-005 | TNF-alpha [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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