

Product Datasheet

B7-1/CD80 Antibody (RM80) [FITC] NBP3-11977F

Unit Size: 0.1 ml

Store at 4C in the dark.

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NBP3-11977F

B7-1/CD80 Antibody (RM80) [FITC]

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 | RM80 |
| Preservative | 0.05% Sodium Azide |
| Isotype | IgG2a Kappa |
| Conjugate | FITC |
| Purity | Protein A purified |
| Buffer | PBS |

Product Description

| | |
|--------------------------------|--|
| Host | Rat |
| Gene ID | 941 |
| Gene Symbol | CD80 |
| Species | Mouse |
| Specificity/Sensitivity | This antibody is specific for murine B7-1/CD80, a ~55 kDa member of the Ig superfamily. B7-1/CD80 is expressed by macrophages, dendritic cells, activated B cells, and activated T cells. B7-1/CD80 has high affinity for binding to two T cell surface antigens, CD28 and CD152 (CTLA-4). The interaction of CD28 and CD152 with B7-1/CD80 is crucial in T-B cell communication leading to the activation of T and B cells, respectively. |
| Immunogen | This antibody was raised by immunising Sprague Dawley rats with a mouse B cell line, BCL1 and fusing immune splenocytes with P3U1 myeloma cells. |

Product Application Details

| | |
|------------------------------|--|
| Applications | Western Blot, Flow Cytometry, Immunohistochemistry, Block/Neutralize, Functional Assay |
| Recommended Dilutions | Western Blot, Flow Cytometry, Immunohistochemistry, Block/Neutralize, Functional Assay |
| Application Notes | Optimal dilution of this antibody should be experimentally determined. |

Images

B7-1/CD80 Antibody (RM80) [FITC] [NBP3-11977F] - Vial of FITC conjugated antibody. FITC is optimally excited at 498 nm by the Blue laser (488 nm) and has an emission maximum of 519 nm.





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Products Related to NBP3-11977F

| | |
|------------------|--|
| NBP1-43959-0.1mg | Rat IgG2a Kappa Light Chain Isotype Control (R2a) [FITC] |
| NBP2-26578 | Recombinant Mouse B7-1/CD80 Protein |
| 210-TA-005 | TNF-alpha [Unconjugated] |
| 740-B1-100 | B7-1/CD80 [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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