

Product Datasheet

B7-1/CD80 Antibody (RM80) - Azide and BSA Free

NBP3-11977-0.2mg

Unit Size: 0.2 mg

Store at 4C for up to 3 months. For longer storage, aliquot and store at -20C.

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B7-1/CD80 Antibody (RM80) - Azide and BSA Free

Product Information

Unit Size	0.2 mg
Concentration	1 mg/ml
Storage	Store at 4C for up to 3 months. For longer storage, aliquot and store at -20C.
Clonality	Monoclonal
Clone	RM80
Preservative	0.02% Proclin 300
Isotype	IgG2a Kappa
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



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Products Related to NBP3-11977-0.2mg

NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF005	Goat anti-Rat IgG Secondary Antibody [HRP]
F0105B	Goat anti-Rat IgG Secondary Antibody [Phycoerythrin]
NBP1-43321-0.5mg	Rat IgG2a Kappa Light Chain Isotype Control (R2a)

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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