

# Product Datasheet

## TCR alpha/beta Antibody (Desire-1) - Azide and BSA Free NBP3-09020-0.2mg

Unit Size: 0.2 mg

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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**NBP3-09020-0.2mg**

TCR alpha/beta Antibody (Desire-1) - Azide and BSA Free

Product Information	
Unit Size	0.2 mg
Concentration	1 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	Desire-1
Preservative	0.02% Proclin 300
Isotype	IgG1 Kappa
Purity	Protein A purified
Buffer	PBS
Product Description	
Host	Mouse
Gene ID	6955
Gene Symbol	TRA
Species	Mouse
Specificity/Sensitivity	mAb desire-1 recognises an epitope contributed by both the alpha and beta chains of the KB5-C20 TCR.
Immunogen	mAb desire-1 was obtained after fusion of spleen cells from a BALB.K mouse immunised twice with KB5-C20 clone cells in RPMI 1640 medium, with non-Ig-producing myeloma cells X63-Ag8.653. Desire-1 was selected for its capacity to inhibit selectively the H-2Kb-specific cytotoxicity by clone KB5-C20.
Product Application Details	
Applications	Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunoprecipitation
Recommended Dilutions	Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunoprecipitation
Application Notes	<p>This reformatted mouse antibody was made using the variable domain sequences of the original Mouse IgG format, for improved compatibility with existing reagents, assays and techniques.</p> <p>Desire-1 has been used for the immunoprecipitation of soluble TCR molecules (Gregoire 1991 &amp; Hua 1986). An FITC conjugated desire-1 has been used in flow cytometric analysis as a marker for clonotype expression (Schonrich 1991). Further, a Fab fragment derived from desire-1 has been used in the crystallisation of the T-cell receptor for 3D structure determination (Housset 1997).</p>





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### **Products Related to NBP3-09020-0.2mg**

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HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-43319-0.5mg	Mouse IgG1 Kappa Isotype Control (P3.6.2.8.1)
AF1759	Oct-3/4 Antibody [Unconjugated]

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### **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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