

Product datasheet for **TA386162**

TCR Mouse Monoclonal Antibody [Clone ID: Desire-1]

Product data:

Product Type:	Primary Antibodies
Clone Name:	Desire-1
Applications:	FC, IF, IP
Reactivity:	Mouse
Host:	Mouse
Isotype:	IgG1, kappa
Clonality:	Monoclonal
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.

Specificity: mAb desire-1 recognises an epitope contributed by both the alpha and beta chains of the KB5-C20 TCR.

Desire-1 has been used for the immunoprecipitation of soluble TCR molecules (Gregoire 1991 & 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).

Formulation:	PBS with 0.02% Proclin 300.
Concentration:	lot specific
Conjugation:	Unconjugated
Storage:	Please store at 4°C for up to 3 months. For longer storage, aliquot and store at -20°C. Avoid freeze and thaw cycles.
Stability:	3 years from dispatch.
Database Link:	P01852
Note:	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.



[View online »](#)