

Product datasheet for **SM1230PS**

T Cell Receptor (TCR) alpha/beta (alpha chain) Mouse Monoclonal Antibody [Clone ID: 3A8]

Product data:

Product Type:	Primary Antibodies
Clone Name:	3A8
Applications:	IHC, IP
Recommended Dilution:	Immunoprecipitation. Immunohistochemistry on Frozen Sections. Not suitable for Flow Cytometry.
Reactivity:	Human
Host:	Mouse
Isotype:	IgG2a
Clonality:	Monoclonal
Specificity:	This antibody reacts with the alpha chain constant region found on all alpha beta TCR bearing T-lymphocytes. It reacts with 92-98% of all CD3+ peripheral blood lymphocytes. Negative Species: Mouse, Rat.
Formulation:	PBS State: Purified State: Liquid purified IgG fraction Stabilizer: 0.5% BSA Preservative: 0.09% Sodium Azide
Concentration:	lot specific
Purification:	Affinity Chromatography on Protein A
Conjugation:	Unconjugated
Storage:	Store undiluted at 2-8°C. DO NOT FREEZE!
Stability:	Shelf life: one year from despatch.
Database Link:	<u>P01848</u>



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Background:	TCR (T cell antigen receptor) recognizes foreign antigens and translates such recognition events into intracellular signals that elicit a change in the cell from a dormant to an activated state. TCR is a heterodimer composed of either alpha and beta or gamma and delta chains. CD3 chains and the CD4 or CD8 coreceptors are also required for efficient signal transduction through the TCR.
Synonyms:	TCRA, TCRB, T-Cell Receptor alpha, T-Cell Receptor beta, T-Cell Receptor alpha beta