

## Product datasheet for **CL074S**

### MHC Class II I-Ek Mouse Monoclonal Antibody [Clone ID: 14-4-4S]

#### Product data:

Product Type:	Primary Antibodies
Clone Name:	14-4-4S
Applications:	CT, FN
Recommended Dilution:	<b>Cytotoxicity Assay.</b> <b>Functional Assay.</b>
Reactivity:	Mouse
Host:	Mouse
Isotype:	IgG2a
Clonality:	Monoclonal
Immunogen:	C3H <u>Donor</u> : C3H.SW <u>Fusion Partner</u> : SP2/0-Ag 14
Specificity:	This antibody reacts to MHC Class II I-Ek (antigen Ia.m7, which is expressed by all haplotypes except b,f,q and s).
Formulation:	PBS State: Supernatant State: Liquid purified culture supernatant Preservative: 0.02% sodium azide
Concentration:	lot specific
Purification:	Affinity chromatography on Protein G
Conjugation:	Unconjugated
Storage:	Store undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Background:	Anti-I-Ek monoclonal antibody is specific for cells expressing the Ia antigen coded for by the Ea subregion. The reaction pattern of this antibody with a panel of standard and recombinant haplotypes demonstrates that this antibody reacts with antigen Ia.m7, which is expressed by all haplotypes except b,f,q and s.



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