

Product datasheet for **AM08060RP-N**

Ctla4 Hamster Monoclonal Antibody [Clone ID: 1B8]

Product data:

Product Type:	Primary Antibodies
Clone Name:	1B8
Applications:	FC
Recommended Dilution:	Flow Cytometry: < / = 0.3 µg/10e6 cells. (Ref.1,2)
Reactivity:	Mouse
Host:	Hamster
Isotype:	IgG
Clonality:	Monoclonal
Specificity:	This Monoclonal antibody is specific to CD152/CTLA-4.
Formulation:	PBS containing 0.09% Sodium Azide as preservative and a stabilizing agent. Label: PE State: Liquid purified Ig fraction. Label: R-Phycoerythrin
Concentration:	lot specific
Conjugation:	PE
Storage:	Store the antibody undiluted at 2-8°C. DO NOT FREEZE! This product is photosensitive and should be protected from light. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	cytotoxic T-lymphocyte-associated protein 4
Database Link:	Entrez Gene 12477 Mouse P09793
Background:	The lymphocyte surface antigen CD152, also known as CTLA-4, is related to the co-stimulatory molecule CD28, and both molecules share common B7 family counter-receptors. (Ref.1-4) However CD152 is thought to be a negative regulator of T cell activation (Ref.1-3) and may play a role in apoptotic control of T cells. CD152 exists as a 69 kDa homodimer (Ref.1), and is relatively conserved among Humans, Mice and Chickens. (Ref.2)

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Synonyms: CTLA-4