

## Product datasheet for **AM08060FC-N**

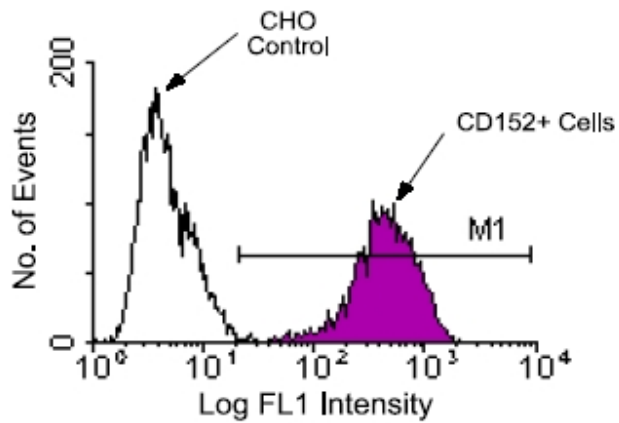
### Ctla4 Hamster Monoclonal Antibody [Clone ID: 1B8]

#### Product data:

Product Type:	Primary Antibodies
Clone Name:	1B8
Applications:	FC
Recommended Dilution:	<b>Flow Cytometry:</b> < / = 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. Label: FITC State: Liquid purified Ig fraction. Label: Fluorescein Isothiocyanate Isomer 1
Concentration:	lot specific
Conjugation:	FITC
Storage:	Store the antibody undiluted at 2-8°C for one month or in (aliquots) at -20°C for longer. 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:	<a href="#">Entrez Gene 12477 Mouse P09793</a>
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)
Synonyms:	CTLA-4



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**Product images:**

Immunofluorescent Staining: CHO cells transfected with CD152/CTLA-4 were stained with either Hamster IgG-FITC or Hamster anti-Mouse CD152-FITC, following which large cells were gated and analyzed by flow cytometry. Amount Used:  $< / = 3$  g/10e6 cells.