

## Product datasheet for **AM08060PU-N**

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

#### Product data:

Product Type:	Primary Antibodies
Clone Name:	1B8
Applications:	FC, FN, IP
Recommended Dilution:	<b>Flow Cytometry.</b> (Ref.1,2) <b>Immunoprecipitation.</b> (Ref.1) <b>In vitro Functional Studies.</b> (Ref.1,2) <b>Enhancement of tumor immunity.</b> (Ref.3)
Reactivity:	Mouse
Host:	Hamster
Isotype:	IgG
Clonality:	Monoclonal
Specificity:	This Monoclonal antibody is specific to CD152/CTLA-4.
Formulation:	100 mM Borate Buffered Saline, pH 8.2. No preservatives or amine-containing buffer salts added. State: Purified State: Liquid purified Ig fraction.
Concentration:	lot specific
Conjugation:	Unconjugated
Storage:	Store the antibody 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.
Gene Name:	cytotoxic T-lymphocyte-associated protein 4
Database Link:	<a href="#">Entrez Gene 12477 Mouse</a> <a href="#">P09793</a>



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**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