

Recombinant Cytotoxic T-lymphocyte protein 4 Antibody

Mouse Monoclonal Antibody [Clone rCTLA4/7270]

Catalog No	Format	Size
1493-MSM10-P0	Purified Ab with BSA and Azide at 200ug/ml	20 ug
1493-MSM10-P1	Purified Ab with BSA and Azide at 200ug/ml	100 ug
1493-MSM10-P1ABX	Purified Ab WITHOUT BSA or Azide at 1.0mg/ml	100 ug

Applications	Tested Dillution	Note
Immunohistochemistry (IHC)	1-2ug/ml	30 min at RT. Staining of formalin-fixed tissues requires heating tissue sections in 10mM Tris with 1mM EDTA, pH 9.0, for 45 min at 95°C followed by cooling at RT for 20 minutes
Western Blot (WB)	2-4ug/ml	

Product Details

Clone	rCTLA4/7270
Immunogen	Recombinant fragment of human CTLA4 (exact sequence is proprietary)
Host	Mouse
Clonality	Monoclonal
Isotype / Light Chain	IgG1 / Kappa
Mol. Weight of Antigen	24.66kDa
Cellular Localization	Cell membrane
Species Reactivity	Human
Positive Control	Widely expressed with highest levels in lymphoid tissues

**Optimal dilution for a specific application should be determined.*

Product Images for Recombinant Cytotoxic T-lymphocyte protein 4 Antibody

Specificity & Comments

Inhibitory receptor acting as a major negative regulator of T-cell responses. The affinity of CTLA4 for its natural B7 family ligands, CD80 and CD86, is considerably stronger than the affinity of their cognate stimulatory coreceptor CD28.

Supplied As

200ug/ml of Ab produced in a mammalian-based expression system. Prepared in 10mM PBS with 0.05% BSA & 0.05% azide. Also available WITHOUT BSA & azide at 1.0mg/ml.

Storage and Stability

Antibody with azide - store at 2 to 8 °C. Antibody without azide - store at -20 to -80 °C. Antibody is stable for 24 months. Non-hazardous. No MSDS required.

Limitations and Warranty

This antibody is available for research use only and is not approved for use in diagnosis. There are no warranties, expressed or implied, which extend beyond this description. Company is not liable for any personal injury or economic loss resulting from this product.