

## Ipilimumab

Catalog #	Source	Reactivity	Applications
CBA1007	Humanized	Human	Functional Assay
<b>Description</b>	Anti-CTLA-4 [Ipilimumab]		
<b>Immunogen</b>			
<b>Purification</b>	Affinity Chromatography		
<b>Specificity</b>			
<b>Clonality</b>	Monoclonal		
<b>Conjugation</b>			
<b>Form</b>	IgG1, liquid in 10 mmol/L PBS, pH 7.2		
<b>Dilution</b>			
<b>Gene Symbol</b>	CTLA4		
<b>Alternative Names</b>	CD152; Cytotoxic T-lymphocyte protein 4; Cytotoxic T-lymphocyte-associated antigen 4; CTLA-4; CD antigen CD152		
<b>Entrez Gene</b>	1493		
<b>SwissProt</b>	P16410		
<b>Directions for Use</b>	<p>Ipilimumab biosimilar is a recombinant, human monoclonal antibody that binds to the cytotoxic T-lymphocyte-associated antigen 4 (CTLA-4). CTLA4 is an inhibitory receptor found at the surface of T-cells responsible for the downregulation of the immune response. Upon binding to CTLA4, ipilimumab acts as an immune checkpoint inhibitor and promotes T-cell activation against cancer cells. Ipilimumab was first approved by the FDA in 2011 for the treatment of melanoma and is now used to treat colorectal cancer, hepatocellular carcinoma, advanced melanoma, and renal cell carcinoma. It is currently under investigation for other types of advanced</p>		

**Application key:** E- ELISA, WB- Western blot, IH- Immunohistochemistry, IF- Immunofluorescence, FC- Flow cytometry, IC- Immunocytochemistry, IP- Immunoprecipitation, ChIP- Chromatin Immunoprecipitation, EMSA- Electrophoretic Mobility Shift Assay, BL- Blocking, SE- Sandwich ELISA, CBE- Cell-based ELISA, RNAi- RNA interference

**Species reactivity key:** H- Human, M- Mouse, R- Rat, B- Bovine, C- Chicken, D- Dog, G- Goat, Mk- Monkey, P- Pig, Rb- Rabbit, S- Sheep, Z- Zebrafish

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# Product Data Sheet

and metastatic cancers.

## Storage/Stability

Stored at 2-8°C for at least 4 weeks. Store at -20 °C for 12 months. For long term storage aseptically aliquot and store at -80°C. Avoid repeated freeze/thaw cycles.

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