

Anti-Mouse CTLA-4 Mouse Monoclonal Antibody

Catalog	Unit
TBS10209-0.5	0.5 mg
TBS10209-1	1 mg
TBS10209-5	5 mg
TBS10209-25	25 mg

Product Details

Description: Cytotoxic T lymphocyte antigen-4 (CTLA-4), also known as CD152, is a regulatory molecule expressed on activated T cells and a subset of regulatory T cells (Tregs). CTLA-4 plays a crucial role in maintaining immune self-tolerance and homeostasis by down-regulating T-cell responses. It has been implicated in the immune dysregulation of several malignancies, including breast cancer, lung cancer, and melanoma, and is a target for cancer immunotherapy.

Alternative names: cytotoxic T-lymphocyte associated antigen 4; cytotoxic T-lymphocyte antigen 4; CD152; CTLA4; CD152 antigen; cytotoxic T-lymphocyte protein 4; cytotoxic T-lymphocyte-associated protein 4; cytotoxic T-lymphocyte-associated serine esterase-4; ligand and transmembrane spliced cytotoxic T lymphocyte associated antigen 4

Applications:

- In vivo CTLA-4 neutralization
- Western blot

Molecular Weight: 150 kDa

Host: Mouse

Isotype: Mouse IgG2b

Concentration: 4 mg/ml

Purity: >95%

Formulation: PBS, pH 7.0, no stabilizers or preservatives.

Endotoxin: < 2EU/mg

Clonality: Monoclonal

Sterility: 0.2 µm filtered

Storage: Store at 4°C for one month. Store at -20°C for long-term storage.

For research use only.