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30-2824: Anti-Hu CD152 Purified

Clonality :	Monoclonal
Clone Name :	BNI3
Application :	FACS
Reactivity :	Human
Gene :	CTLA4
Gene ID :	1493
Uniprot ID :	P16410
Format :	Purified
Alternative Name :	cytotoxic T-lymphocyte associated protein 4 CTLA4, GSE, GRD4
Immunogen Information :	Human CD152-IgG heavy chain fusion protein

Description

CD152 / CTLA-4 is a homodimeric transmembrane protein similar to CD28 and binding the same ligands, i.e. CD80 (B7.1) and CD86 (B7.2), but with higher affinity. Unlike CD28 with important costimulating functions, CD152 acts as an important inhibitory receptor essential for modulation of the immune system. CD152 / CTLA-4 becomes transiently expressed on activated T cells and its malfunction can cause autoimmune diseases, such as insulin-dependent diabetes mellitus, Graves disease, Hashimoto thyroiditis, celiac disease, systemic lupus erythematosus, or thyroid-associated orbitopathy.
Specificity :The mouse monoclonal antibody BNI3 recognizes an extracellular domain of human CD152 / CTLA4, an approximately 45 kDa type I transmembrane protein serving as a negative regulator of T cell responses.

Product Info

Amount :	0.1 mg
Purification :	Purified by protein-A affinity chromatography.
Content :	Concentration: 1 mg/ml Storage Buffer: Phosphate buffered saline (PBS), pH 7.4, 15 mM sodium azide
Storage condition :	Store at 2-8°C. Do not freeze.

Application Note

Flow cytometry: Recommended dilution: 2-5 Âµg/ml, Intracellular staining.

For Research Use Only. Not for use in diagnostic/therapeutics procedures.