

Purified Anti-Human CD152 Antibody[BNI3]

catalog number: AN006270P

Note: Centrifuge before opening to ensure complete recovery of vial contents.

Description

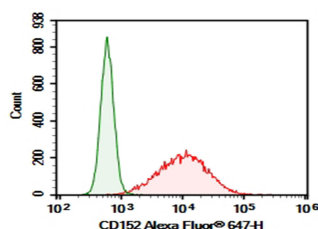
Reactivity	Human
Immunogen	Recombinant Human CD152 protein
Host	Mouse
Isotype	Mouse IgG2a, κ
Clone	BNI3
Purification	>98%, Protein A/G purified
Conjugation	Unconjugated
buffer	PBS, pH 7.2. Contains 0.05% proclin 300.

Applications

Recommended Dilution

FCM	2 $\mu\text{g}/\text{mL}$ (1×10^5 - 5×10^5 cells)
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Data



HEK293T cells transfected with pcDNA3.1 plasmid encoding Human CD152 gene were stained with 0.2 μg Purified Anti-Human CD152 Antibody[BNI3] (Right) and 0.2 μg Mouse IgG2a, κ Isotype Control (Left), followed by Alexa Fluor® 647-conjugated Goat Anti-Mouse IgG Secondary Antibody.

Preparation & Storage

Storage	Store at 4°C valid for 12 months or -20°C valid for long term storage, avoid freeze / thaw cycles.
Shipping	Order now, ship in 3 days

Background

This gene is a member of the immunoglobulin superfamily and encodes a protein which transmits an inhibitory signal to T cells. The protein contains a V domain, a transmembrane domain, and a cytoplasmic tail. Alternate transcriptional splice variants, encoding different isoforms, have been characterized. The membrane-bound isoform functions as a homodimer interconnected by a disulfide bond, while the soluble isoform functions as a monomer. Mutations in this gene have been associated with insulin-dependent diabetes mellitus, Graves disease, Hashimoto thyroiditis, celiac disease, systemic lupus erythematosus, thyroid-associated orbitopathy, and other autoimmune diseases.

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