

Product datasheet for **SM1217P**

CTLA4 Mouse Monoclonal Antibody [Clone ID: BNI3]

Product data:

Product Type:	Primary Antibodies
Clone Name:	BNI3
Applications:	FC, IHC
Recommended Dilution:	Flow Cytometry: Use 10µl of Neat-1/10 diluted antibody to label 10e6 cells in 100µl. Immunohistochemistry on Frozen Sections: 5-50 µg/ml.
Reactivity:	Human
Host:	Mouse
Isotype:	IgG2a
Clonality:	Monoclonal
Immunogen:	Human CTLA-4/human IgG heavy chain fusion protein. Spleen cells from immunised BALB/c mice were fused with cells of the mouse P3/X63-Ag8.653 myeloma cell line.
Specificity:	This antibody recognises the CD152 cell surface antigen, also known as CTLA-4 (cytotoxic T-lymphocyte associated antigen 4).
Formulation:	PBS containing 0.09% Sodium Azide as preservative and 0.1% BSA as stabilizer. State: Purified State: Liquid purified IgG fraction.
Concentration:	lot specific
Purification:	Affinity Chromatography.
Conjugation:	Unconjugated
Storage:	Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	cytotoxic T-lymphocyte associated protein 4
Database Link:	Entrez Gene 1493 Human P16410



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Background: CD152 is a 45kD glycoprotein, expressed normally as a disulphide-linked homodimer. It is expressed transiently on the surface of T cells following activation (peaking at 3 days), but is often present with the cytoplasm. CD152 is a ligand for CD80 and CD86, and is important in cellular interactions during the immune response.

Synonyms: CTLA-4