

Product Datasheet

CTLA-4 Antibody (1B8) [Allophycocyanin/Cy7] **NBP1-41000APCCY7**

Unit Size: 0.1 ml

Store at 4C in the dark. Do not freeze.

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NBP1-41000APCCY7

CTLA-4 Antibody (1B8) [Allophycocyanin/Cy7]

Product Information

Unit Size	0.1 ml
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C in the dark. Do not freeze.
Clonality	Monoclonal
Clone	1B8
Preservative	0.05% Sodium Azide
Isotype	IgG
Conjugate	Allophycocyanin/Cy7
Purity	Protein G purified
Buffer	PBS

Product Description

Host	Armenian Hamster
Gene ID	1493
Gene Symbol	CTLA4
Species	Mouse
Specificity/Sensitivity	This antibody recognises mouse CD152, commonly known as CTLA-4 (cytotoxic T-lymphocyte protein 4), a structural homolog for CD28. CD152 binds the same ligands as CD28, namely CD80 (B7.1) and CD86 (B7.2), but with much higher affinity. However, while binding of CD28 enhances T cell function, binding of CD152 inhibits it. CD152 is not detected on naive T-cells and is induced upon T-cell activation.
Immunogen	Extracellular portion of mouse CD152 fused to a mouse IgG2a

Product Application Details

Applications	Western Blot, ELISA, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunoprecipitation
Recommended Dilutions	Western Blot, Flow Cytometry, ELISA, Immunocytochemistry/ Immunofluorescence, Immunoprecipitation
Application Notes	Optimal dilution of this antibody should be experimentally determined. For optimal results using our Tandem dyes, please avoid prolonged exposure to light or extreme temperature fluctuations. These can lead to irreversible degradation or decoupling. When staining intracellular targets, specific attention to the fixation and permeabilization steps in your flow protocol may be required. Please contact our technical support team at technical@novusbio.com if you have any questions.



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Products Related to NBP1-41000APCCY7

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210-TA-005	TNF-alpha [Unconjugated]
7268-CT-100	CTLA-4 [Unconjugated]
M6000B-1	IL-6 [HRP]

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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