

Product Datasheet

CD28 Antibody (JJ316) - Chimeric - Azide and BSA Free NBP2-81052-0.2mg

Unit Size: 0.2 mg

Store at 4C for up to 3 months. For longer storage, aliquot and store at -20C.

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NBP2-81052-0.2mg

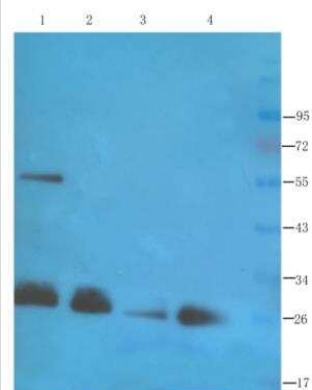
CD28 Antibody (JJ316) - Chimeric - Azide and BSA Free

Product Information	
Unit Size	0.2 mg
Concentration	1 mg/ml
Storage	Store at 4C for up to 3 months. For longer storage, aliquot and store at -20C.
Clonality	Monoclonal
Clone	JJ316
Preservative	0.02% Proclin 300
Isotype	IgG Kappa
Purity	Protein A purified
Buffer	PBS
Product Description	
Host	Rabbit
Gene ID	940
Gene Symbol	CD28
Species	Rat
Specificity/Sensitivity	Recognises rat CD28 and can trigger T-cell proliferation in vitro and in vivo.
Immunogen	Made by immunizing BALB/c mice with rat CD28 cDNA-transfected A20/J cells.
Product Application Details	
Applications	Western Blot, Flow Cytometry, Functional, Immunocytochemistry/Immunofluorescence, Immunohistochemistry, Block/Neutralize
Recommended Dilutions	Western Blot, Flow Cytometry, Immunohistochemistry, Immunocytochemistry/Immunofluorescence, Functional, Block/Neutralize
Application Notes	This chimeric rabbit antibody was made using the variable domain sequences of the original Mouse IgG1 format, for improved compatibility with existing reagents, assays and techniques. This antibody binds rat CD28 and can convey as a co-stimulatory signal. At 100-1000-fold higher concentration than required for co-stimulation JJ316 (unlike the clone JJ319 marketed by competitors (see Tacke et al. 1997)) can induce proliferation of all T-cell subsets without TCR engagement.

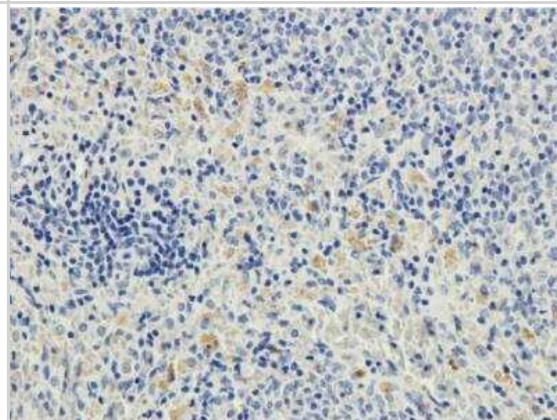


Images

Western Blot: CD28 Antibody (JJ316) [NBP2-81052] - Rat thymus (lane 1), rat lymph node (lane 2), rat thyroid (lane 3) and rat spleen (lane 4) sample were resolved on a 12% SDS PAGE gel and blots probed with NBP2-81052 at 3 ug/ml before being detected by a secondary antibody. The expected band size at 25 kDa was observed.



Immunohistochemistry: CD28 Antibody (JJ316) [NBP2-81052] - Formalin fixed rat spleen slices were stained with NBP2-81052 at 3 ug/ml.





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Products Related to NBP2-81052-0.2mg

HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-57015PEP	CD28 Recombinant Protein Antigen
210-TA-005	TNF-alpha [Unconjugated]

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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