# **Product Datasheet**

## CD28 Antibody (CB28) - Azide and BSA Free NBP2-34592-0.1mg

Unit Size: 0.1 mg

Store at -20 to -80C. Avoid freeze-thaw cycles.

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## NBP2-34592-0.1mg

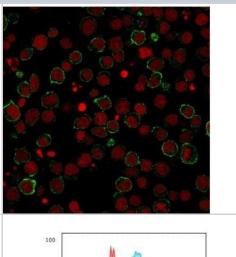
CD28 Antibody (CB28) - Azide and BSA Free

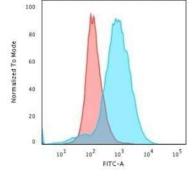
Product Information           Unit Size         0.1 mg           Concentration         1.0 mg/ml           Storage         Store at -20 to -80C. Avoid freeze-thaw cycles.           Clonality         Monoclonal           Clone         CB28           Preservative         No Preservative           Isotype         IgG1 Kappa           Purity         Protein A or G purified           Buffer         10 mM PBS           Product Description         Prepared in 10mM PBS WITHOUT BSA & azide. Also available at 200 ug/ml WITH BSA & azide (NBP2-32928). Antibody with azide - store at 2 to 8C. Antibody without azide - store at -20 to -80 C.           Host         Mouse           Gene ID         940           Gene Symbol         CD28           Species         Human           Inmunogen         Recombinant human CD28 protein (Uniprot: P10747)           Product Application Details         Flow Cytometry, Immunocytochemistry/ Immunofluorescence, CyTOF-ready           Application Notes         Flow Cytometry, Immunocytochemistry/ Immunofluorescence, CyTOF-ready	<b>, , , ,</b>	
Concentration1.0 mg/mlStorageStore at -20 to -80C. Avoid freeze-thaw cycles.ClonalityMonoclonalCloneCB28PreservativeNo PreservativeIsotypeIgG1 KappaPurityProtein A or G purifiedBuffer10 mM PBSProduct Description1.0 mg/ml of antibody purified from Bioreactor Concentrate by Protein A/G. Prepared in 10mM PBS WITHOUT BSA & azide. Also available at 200 ug/ml WITH BSA & azide (NBP2-32928). Antibody with azide - store at 2 to 8C. Antibody without azide - store at -20 to -80 	Product Information	
StorageStore at -20 to -80C. Avoid freeze-thaw cycles.ClonalityMonoclonalCloneCB28PreservativeNo PreservativeIsotypeIgG1 KappaPurityProtein A or G purifiedBuffer10 mM PBSProduct Description1.0 mg/ml of antibody purified from Bioreactor Concentrate by Protein A/G. Prepared in 10mM PBS WITHOUT BSA & azide. Also available at 200 ug/ml WITH BSA & azide (NBP2-32928). Antibody with azide - store at 2 to 8C. Antibody without azide - store at -20 to -80 C.HostMouseGene ID940Genes SymbolCD28SpeciesHumanImmunogenRecombinant human CD28 protein (Uniprot: P10747)Product Application DetailsFlow Cytometry. Immunofluorescence, CyTOF-readyApplication NotesFlow Cytometry 0.5-1 ug/million cells, Immunocytochemistry/ Immunofluorescence 0.5-1 ug/ml, CyTOF-ready	Unit Size	0.1 mg
ClonalityMonoclonalCloneCB28PreservativeNo PreservativeIsotypeIgG1 KappaPurityProtein A or G purifiedBuffer10 mM PBSProduct Description	Concentration	1.0 mg/ml
CloneCB28PreservativeNo PreservativeIsotypeIgG1 KappaPurityProtein A or G purifiedBuffer10 mM PBSProduct Description	Storage	Store at -20 to -80C. Avoid freeze-thaw cycles.
PreservativeNo PreservativeIsotypeIgG1 KappaPurityProtein A or G purifiedBuffer10 mM PBSProduct Description1.0 mg/ml of antibody purified from Bioreactor Concentrate by Protein A/G. Prepared in 10mM PBS WITHOUT BSA & azide. Also available at 200 ug/ml WITH BSA & azide (NBP2-32928).Antibody with azide - store at 2 to 8C. Antibody without azide - store at -20 to -80 C.HostMouseGene ID940Gene SymbolCD28SpeciesHumanImmunogenRecombinant human CD28 protein (Uniprot: P10747)Product Application DetailsFlow Cytometry, Immunocytochemistry/ Immunofluorescence, CyTOF-readyApplication NotesFunctional Studies: Order Ab without BSA & Azide.	Clonality	Monoclonal
IsotypeIgG1 KappaPurityProtein A or G purifiedBuffer10 mM PBSProduct Description1.0 mg/ml of antibody purified from Bioreactor Concentrate by Protein A/G. Prepared in 10mM PBS WITHOUT BSA & azide. Also available at 200 ug/ml WITH BSA & azide (NBP2-32928). Antibody with azide - store at 2 to 8C. Antibody without azide - store at -20 to -80 C.HostMouseGene ID940Gene SymbolCD28SpeciesHumanImmunogenRecombinant human CD28 protein (Uniprot: P10747)Product Application DetailsFlow Cytometry, Immunocytochemistry/ Immunofluorescence, CyTOF-readyApplicationsFlow Cytometry 0.5-1ug/milion cells, Immunocytochemistry/ Immunofluorescence 0.5-1ug/ml, CyTOF-readyApplication NotesFunctional Studies: Order Ab without BSA & Azide.	Clone	CB28
Purity       Protein A or G purified         Buffer       10 mM PBS         Product Description <ul> <li>Description</li> <li>Description</li> <li>Might of antibody purified from Bioreactor Concentrate by Protein A/G. Prepared in 10mM PBS WITHOUT BSA &amp; azide. Also available at 200 ug/ml WITH BSA &amp; azide (NBP2-32928).</li> <li>Antibody with azide - store at 2 to 8C. Antibody without azide - store at -20 to -80 C.</li> </ul> Host         Mouse <ul> <li>Gene ID</li> <li>940</li> <li>Gene Symbol</li> <li>CD28</li> <li>Species</li> <li>Human</li> <li>Immunogen</li> <li>Recombinant human CD28 protein (Uniprot: P10747)</li> </ul> Product Application Details <ul> <li>Flow Cytometry, Immunocytochemistry/ Immunofluorescence, CyTOF-ready</li> <li>Recommended Dilutions</li> <li>Flow Cytometry 0.5-1 ug/million cells, Immunocytochemistry/ Immunofluorescence 0.5-1 ug/million karde.</li> </ul>	Preservative	No Preservative
Buffer10 mM PBSProduct Description1.0 mg/ml of antibody purified from Bioreactor Concentrate by Protein A/G. Prepared in 10mM PBS WITHOUT BSA & azide. Also available at 200 ug/ml WITH BSA & azide (NBP2-32928). Antibody with azide - store at 2 to 8C. Antibody without azide - store at -20 to -80 	Isotype	IgG1 Kappa
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Prepared in 10mM PBS WITHOUT BSA & azide. Also available at 200 ug/ml WITH BSA & azide (NBP2-32928).Antibody with azide - store at 2 to 8C. Antibody without azide - store at -20 to -80 C.HostMouseGene ID940Gene SymbolCD28SpeciesHumanImmunogenRecombinant human CD28 protein (Uniprot: P10747)Product Application DetailsFlow Cytometry, Immunocytochemistry/ Immunofluorescence, CyTOF-readyRecommended DilutionsFlow Cytometry 0.5-1ug/million cells, Immunocytochemistry/ Immunofluorescence 0.5-1ug/mil, CyTOF-readyApplication NotesFunctional Studies: Order Ab without BSA & Azide.	Product Description	
Gene ID940Gene SymbolCD28SpeciesHumanImmunogenRecombinant human CD28 protein (Uniprot: P10747)Product Application DetailsFlow Cytometry, Immunocytochemistry/ Immunofluorescence, CyTOF-readyRecommended DilutionsFlow Cytometry 0.5-1ug/million cells, Immunocytochemistry/ Immunofluorescence 0.5-1ug/ml, CyTOF-readyApplication NotesFunctional Studies: Order Ab without BSA & Azide.	Description	Prepared in 10mM PBS WITHOUT BSA & azide. Also available at 200 ug/ml WITH BSA & azide (NBP2-32928). Antibody with azide - store at 2 to 8C. Antibody without azide - store at -20 to -80
Gene SymbolCD28SpeciesHumanImmunogenRecombinant human CD28 protein (Uniprot: P10747)Product Application DetailsFlow Cytometry, Immunocytochemistry/ Immunofluorescence, CyTOF-readyApplicationsFlow Cytometry 0.5-1ug/million cells, Immunocytochemistry/ Immunofluorescence 0.5-1ug/ml, CyTOF-readyApplication NotesFunctional Studies: Order Ab without BSA & Azide.	Host	Mouse
SpeciesHumanImmunogenRecombinant human CD28 protein (Uniprot: P10747)Product Application DetailsFlow Cytometry, Immunocytochemistry/ Immunofluorescence, CyTOF-readyApplicationsFlow Cytometry 0.5-1ug/million cells, Immunocytochemistry/Recommended DilutionsFlow Cytometry 0.5-1ug/million cells, Immunocytochemistry/Application NotesFunctional Studies: Order Ab without BSA & Azide.	Gene ID	940
ImmunogenRecombinant human CD28 protein (Uniprot: P10747)Product Application DetailsApplicationsFlow Cytometry, Immunocytochemistry/ Immunofluorescence, CyTOF-readyRecommended DilutionsFlow Cytometry 0.5-1ug/million cells, Immunocytochemistry/ Immunofluorescence 0.5-1ug/ml, CyTOF-readyApplication NotesFunctional Studies: Order Ab without BSA & Azide.	Gene Symbol	CD28
Product Application Details         Applications       Flow Cytometry, Immunocytochemistry/ Immunofluorescence, CyTOF-ready         Recommended Dilutions       Flow Cytometry 0.5-1ug/million cells, Immunocytochemistry/ Immunofluorescence 0.5-1ug/ml, CyTOF-ready         Application Notes       Functional Studies: Order Ab without BSA & Azide.	Species	Human
ApplicationsFlow Cytometry, Immunocytochemistry/ Immunofluorescence, CyTOF-readyRecommended DilutionsFlow Cytometry 0.5-1ug/million cells, Immunocytochemistry/ Immunofluorescence 0.5-1ug/ml, CyTOF-readyApplication NotesFunctional Studies: Order Ab without BSA & Azide.	Immunogen	Recombinant human CD28 protein (Uniprot: P10747)
Recommended Dilutions       Flow Cytometry 0.5-1ug/million cells, Immunocytochemistry/ Immunofluorescence 0.5-1ug/ml, CyTOF-ready         Application Notes       Functional Studies: Order Ab without BSA & Azide.	Product Application Details	
Immunofluorescence 0.5-1ug/ml, CyTOF-ready           Application Notes         Functional Studies: Order Ab without BSA & Azide.	Applications	Flow Cytometry, Immunocytochemistry/ Immunofluorescence, CyTOF-ready
	Recommended Dilutions	
	Application Notes	



#### Images

Immunocytochemistry/Immunofluorescence: CD28 Antibody (CB28) -Azide and BSA Free [NBP2-34592] - Immunofluorescent staining of Jurkat cells using CD28 Antibody (CB28) followed by goat anti-Mouse IgG conjugated to CF488 (green). Red Dot is used to label nuclei (red).





Flow Cytometry: CD28 Antibody (CB28) - Azide and BSA Free [NBP2-34592] - Flow Cytometric Analysis of paraformaldehyde-fixed Jurkat cells using CD28 Antibody (CB28) followed by goat anti-Mouse IgG-CF488 (Blue); Isotype control (Red).





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#### Products Related to NBP2-34592-0.1mg

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-43319-0.5mg	Mouse IgG1 Kappa Isotype Control (P3.6.2.8.1)
NBP2-57015PEP	CD28 Recombinant Protein Antigen

#### 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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