

Product Datasheet

4-1BB/TNFRSF9/CD137 Antibody (4B4-1) - Low Endotoxin, Azide and BSA Free NBP3-09103

Unit Size: 0.1 mg

Store at 4C. Do not freeze.

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NBP3-09103**4-1BB/TNFRSF9/CD137 Antibody (4B4-1) - Low Endotoxin, Azide and BSA Free**

Product Information	
Unit Size	0.1 mg
Concentration	1 mg/ml
Storage	Store at 4C. Do not freeze.
Clonality	Monoclonal
Clone	4B4-1
Preservative	No Preservative
Isotype	IgG1 Kappa
Purity	Protein A purified
Buffer	PBS, 0.2 um filter sterilized

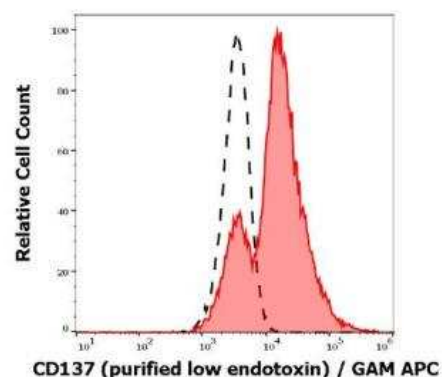
Product Description	
Host	Mouse
Gene ID	3604
Gene Symbol	TNFRSF9
Species	Human, Primate
Specificity/Sensitivity	The mouse monoclonal antibody 4B4-1 recognizes an extracellular conformational epitope on CD137, an approximately 40 kDa type I transmembrane protein of the TNFR family expressed mainly on activated T cells.
Immunogen	Recombinant human 4-1BB/TNFRSF9/CD137 ectodomain
Endotoxin Note	Endotoxin level is less than 0.01 EU/ug of the protein, as determined by the LAL test.

Product Application Details	
Applications	ELISA, Flow Cytometry, Functional, Immunoprecipitation
Recommended Dilutions	Flow Cytometry 1-4 ug/ml, ELISA, Immunoprecipitation, Functional

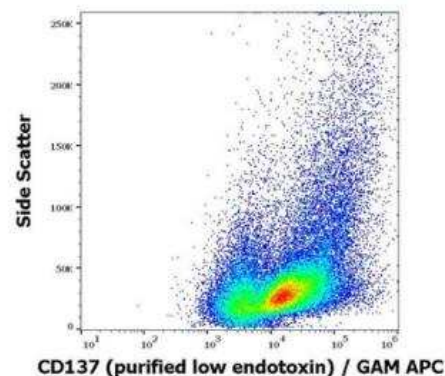


Images

Flow Cytometry: 4-1BB/TNFRSF9/CD137 Antibody (4B4-1) - Low Endotoxin, Azide and BSA Free [NBP3-09103] - Separation of cells stained using anti-human CD137 (4B4-1) purified antibody (low endotoxin, concentration in sample 4 ug/ml, GAM APC, red-filled) from cells unstained by primary antibody (GAM APC, black-dashed) in flow cytometry analysis (surface staining) of human PHA stimulated peripheral blood mononuclear cell suspension.



Flow Cytometry: 4-1BB/TNFRSF9/CD137 Antibody (4B4-1) - Low Endotoxin, Azide and BSA Free [NBP3-09103] - Surface staining pattern of human PHA stimulated peripheral blood mononuclear cell suspension stained using anti-human CD137 (4B4-1) purified antibody (low endotoxin, concentration in sample 4 ug/ml) GAM APC.





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Products Related to NBP3-09103

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)
NBP2-34958-5ug	Recombinant Human 4-1BB/TNFRSF9/CD137 Protein

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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