

Product Datasheet

CD90/Thy1 Antibody (1aG4/C5) - Azide and BSA Free NBP1-44877

Unit Size: 0.1 mg

Store at 4C. Do not freeze.

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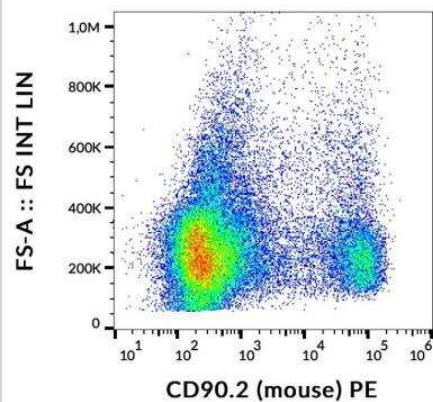
NBP1-44877

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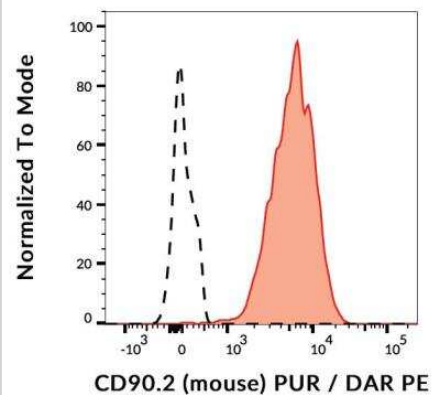
Product Information	
Unit Size	0.1 mg
Concentration	1 mg/ml
Storage	Store at 4C. Do not freeze.
Clonality	Monoclonal
Clone	1aG4/C5
Preservative	No Preservative
Isotype	IgG3
Purity	Protein A purified
Buffer	PBS (pH 7.4), 0.2 um filter sterilized
Target Molecular Weight	35 kDa
Product Description	
Host	Mouse
Gene ID	7070
Gene Symbol	THY1
Species	Mouse, Human (Negative), Rat (Negative)
Reactivity Notes	Please note that this antibody is reactive to Mouse and derived from the same host, Mouse. Mouse-On-Mouse blocking reagent may be needed for IHC and ICC experiments to reduce high background signal. You can find these reagents under catalog numbers PK-2200-NB and MP-2400-NB. Please contact Technical Support if you have any questions.
Marker	Mesenchymal Cell Marker
Specificity/Sensitivity	The antibody 1aG4/C5 recognizes alloantigen Thy-1.2 of mouse Thy-1 (CD90); it does not cross-react with Thy-1.1 alloantigen. Thy-1 is a 18 kDa cell surface GPI linked glycoprotein (Immunoglobulin superfamily); in the mouse it is expressed on all thymocytes and peripheral T lymphocytes.
Immunogen	thymocytes from C3H/Di mice (alelic form: Thy-1.2 positive)
Product Application Details	
Applications	Western Blot, Flow Cytometry, Flow (Cell Surface), Functional, Immunocytochemistry/ Immunofluorescence, CyTOF-ready
Recommended Dilutions	Western Blot 1:1000, Flow Cytometry 1 ug/ml, Immunocytochemistry/ Immunofluorescence 1:10-1:2000, Functional, Flow (Cell Surface), CyTOF-ready
Application Notes	Functional Application: The bound of antibody 1aG4/C5 to the transfected mast cells induces the activation processes which are similar, but not identical, to the antigen activation of IgE stimulated cells. Other studies approve that the antibody 1aG4/C5 precipitates complexes with Lyn protein tyrosine kinase. This antibody is CyTOF ready.

Images

Flow (Cell Surface): CD90/Thy1 Antibody (1aG4/C5) - Azide Free [NBP1-44877] - Surface staining of murine splenocytes using anti-CD90.2 (1aG4/C5) PE.



Flow (Cell Surface): CD90/Thy1 Antibody (1aG4/C5) - Azide Free [NBP1-44877] - Surface staining of murine splenocytes using anti-CD90.2 (1aG4/C5) purified, DAR-PE.





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Products Related to NBP1-44877

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-96777	Mouse IgG3 Isotype Control (MG3)
NBP1-44877PE	CD90/Thy1 Antibody (1aG4/C5) [PE]

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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