

# Product Datasheet

## CD90/Thy1 Antibody (5E10) - BSA Free NBP1-43379-0.1mg

Unit Size: 0.1 mg

Store at 4C. Do not freeze.

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### Publications: 3

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**NBP1-43379-0.1mg**

CD90/Thy1 Antibody (5E10) - BSA Free

Product Information	
Unit Size	0.1 mg
Concentration	0.5 mg/ml
Storage	Store at 4C. Do not freeze.
Clonality	Monoclonal
Clone	5E10
Preservative	0.09% Sodium Azide
Isotype	IgG1 Kappa
Purity	Protein A or G purified
Buffer	PBS (pH 7.2)

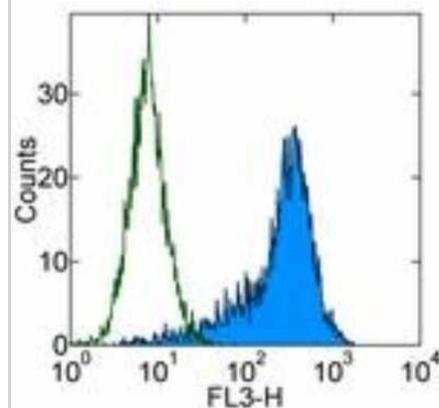
Product Description	
Description	Novus Biologicals Mouse CD90/Thy1 Antibody (5E10) - BSA Free (NBP1-43379) is a monoclonal antibody validated for use in IHC, WB, Flow and IP. Anti-CD90/Thy1 Antibody: Cited in 3 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Mouse
Gene ID	7070
Gene Symbol	THY1
Species	Human
Marker	Mesenchymal Cell Marker
Immunogen	The immunogen for this antibody was CD90.

Product Application Details	
Applications	Western Blot, Flow Cytometry, Immunohistochemistry, Immunohistochemistry-Frozen, Immunoprecipitation
Recommended Dilutions	Western Blot 1:100-1:2000, Flow Cytometry &lt; = 0.5 ug/10 <sup>6</sup> cells in 100 ul, Immunohistochemistry 1:10-1:500, Immunoprecipitation 1:10-1:500, Immunohistochemistry-Frozen 1:10-1:500
Application Notes	For Flow Cytometry: Cell number should be determined empirically but can range from 10 <sup>5</sup> to 10 <sup>8</sup> cells/test.

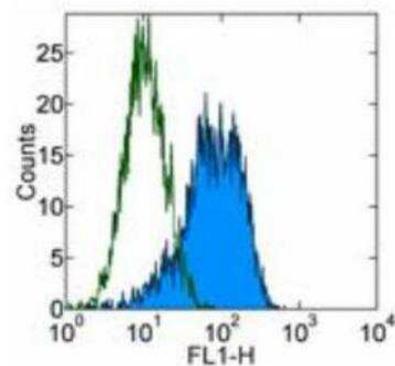


## Images

Flow Cytometry: CD90/Thy1 Antibody (5E10) [NBP1-43379] - Analysis using the PerCP/Cy5.5 conjugate of NBP1-43379. Staining of the HEL cell line with Mouse IgG1 kappa Isotype Control PerCP-Cy5.5 (open histogram) or Anti-Human CD90 (Thy-1) PerCP-Cy5.5 (filled histogram). Total viable cells were used for analysis.



Flow Cytometry: CD90/Thy1 Antibody (5E10) [NBP1-43379] - Staining of human erythroleukemia (HEL) cell line with 0.25 ug of Mouse IgG1 kappa Isotype Control Purified (NBP1-43319) (open histogram) or 0.25 ug of Anti-Human CD90 (Thy-1) Purified (filled histogram) followed by Anti-Mouse IgG FITC. Total viable cells were used for analysis.



## Publications

Hung JT, Liao JH, Lin YC Et al. Immunopathogenic role of TH1 cells in autoimmune diabetes: evidence from a T1 and T2 doubly transgenic non-obese diabetic mouse model. *J Autoimmun* 2005-11-03 [PMID: 16263243]

Craig W, Kay R, Cutler RL, Lansdorp PM. Expression of Thy-1 on human hematopoietic progenitor cells. *J Exp Med*;177(5):1331-42. 1993-05-01 [PMID: 7683034] (WB, FLOW, IP)

Mayani H, Lansdorp PM. Thy-1 expression is linked to functional properties of primitive hematopoietic progenitor cells from human umbilical cord blood. *Blood*;83(9):2410-7. 1994-05-01 [PMID: 7513197] (FLOW)



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### **Products Related to NBP1-43379-0.1mg**

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NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB7539	Goat anti-Mouse IgG (H+L) Secondary Antibody [HRP]
NBP1-43319-0.5mg	Mouse IgG1 Kappa Isotype Control (P3.6.2.8.1)

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### **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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