

Anti-CD90 / Thy1 Rabbit Monoclonal Antibody

Catalog Number: M01818

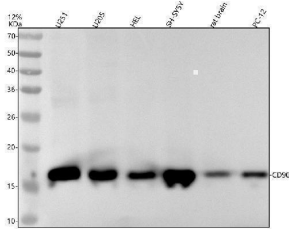
Overview

Product Name	Anti-CD90 / Thy1 Rabbit Monoclonal Antibody
Reactive Species	Human, Rat
Description	Boster Bio Anti-CD90 / Thy1 Rabbit Monoclonal Antibody catalog # M01818. Tested in WB, IHC applications. This antibody reacts with Human, Rat.
Application	IHC, WB
Clonality	Monoclonal CEB-20
Formulation	Rabbit IgG in stabilizing components, phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. *This antibody is supplied in a stabilized formulation. Compatibility with conjugation reactions depends on the chemistry of the conjugation method used. For conjugation methods that are not compatible with the stabilizing components present in this formulation, a carrier-free antibody format is required.
Storage Instructions	Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.
Host	Rabbit
Uniprot ID	P04216

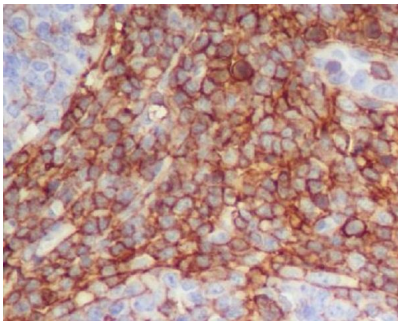
Technical Details

Immunogen	A synthesized peptide derived from human CD90 / Thy1
Isotype	Rabbit IgG
Form	Liquid
Concentration	0.5mg/ml
Purification	Affinity-chromatography
Suggested Dilutions	WB 1:500-2000 IHC 1:50-200

Anti-CD90 / Thy1 Rabbit Monoclonal Antibody (M01818) Images



Western blot analysis of CD90/THY1 using anti-CD90/THY1 antibody (M01818). Electrophoresis was performed on a 12% SDS-PAGE gel at 80V (Stacking gel) / 120V (Resolving gel) for 2 hours. The sample well of each lane was loaded with 30 ug of sample under reducing conditions. Lane 1: human U251 whole cell lysates, Lane 2: human U2OS whole cell lysates, Lane 3: human HEL whole cell lysates, Lane 4: human SH-SY5Y whole cell lysates, Lane 5: rat brain tissue lysates, Lane 6: rat PC-12 whole cell lysates. After electrophoresis, proteins were transferred to a nitrocellulose membrane at 150 mA for 50-90 minutes. Blocked the membrane with 5% non-fat milk/TBS for 1.5 hour at RT. The membrane was incubated with rabbit anti-CD90/THY1 antigen affinity purified monoclonal antibody (M01818) at 1:500 overnight at 4°C, then washed with TBS-0.1% Tween 3 times with 5 minutes each and probed with a goat anti-rabbit IgG-HRP secondary antibody at a dilution of 1:5000 for 1.5 hour at RT. The signal is developed using an ECL Plus Western Blotting Substrate (Catalog # AR1196-200) with Tanon 5200 system. A specific band was detected for CD90/THY1 at approximately 18 kDa. The expected band size for CD90/THY1 is at 18 kDa.



Immunohistochemical analysis of paraffin-embedded human tonsil, using CD90 / Thy1 Antibody.

4 Publications Citing This Product

1. PubMed ID: 22553557, Differentiation of mesenchymal stem cell in the microenvironment of retinitis pigmentosa
2. PubMed ID: 28341839, Therapeutic efficacy of neural stem cells originating from umbilical cord-derived mesenchymal stem cells in diabetic retinopathy
3. PubMed ID: 24820950, Li F, Xu Y, Xu X, Xu B, Zhao J, Zhang X. Mol Med Rep. 2014 Jul;10(1):322-8. Doi: 10.3892/Mmr.2014.2220. Epub 2014 May 8. Fms-Related Tyrosine Kinase??3 Ligand Promotes Proliferation Of Placenta Amnion And Chorion Mesenchymal Stem Cells In??vitro.

Visit bosterbio.com/anti-cd90-thy1-rabbit-monoclonal-antibody-m01818-boster.html to see all 4 publications.

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