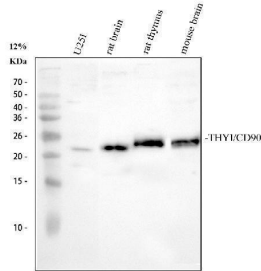
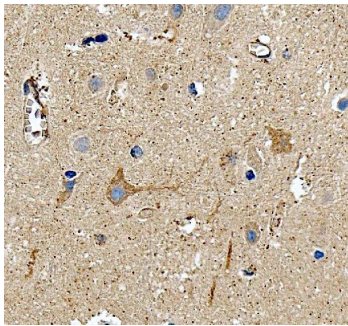


| | |
|---------------------|----------------------------------------------------------------------------------------------------------------------------------------|
| Purification | Immunogen affinity purified. |
| Suggested Dilutions | Western blot, 0.1-0.25ug/ml, Mouse, Rat Immunohistochemistry (Paraffin-embedded Section), 2-5ug/ml, Human ELISA, 0.1-0.5ug/ml, - |

Anti-CD90/Thy1 Antibody Picoband® (A01818-1) Images



Western blot analysis of CD90/Thy1 using anti-CD90/Thy1 antibody (A01818-1). 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: rat brain tissue lysates, Lane 3: rat thymus tissue lysates, Lane 4: mouse brain tissue 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 polyclonal antibody (Catalog # A01818-1) at 0.25 ug/mL 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 22 kDa. The expected band size for CD90/Thy1 is at 18 kDa.



IHC analysis of CD90/Thy1 using anti-CD90/Thy1 antibody (A01818-1). CD90/Thy1 was detected in a paraffin-embedded section of human brain tissue. Heat mediated antigen retrieval was performed in EDTA buffer (pH 8.0, epitope retrieval solution). The tissue section was blocked with 10% goat serum. The tissue section was then incubated with 2 ug/ml rabbit anti-CD90/Thy1 Antibody (A01818-1) overnight at 4°C. Peroxidase Conjugated Goat Anti-rabbit IgG was used as secondary antibody and incubated for 30 minutes at 37°C. The tissue section was developed using HRP Conjugated Rabbit IgG Super Vision Assay Kit (Catalog # SV0002) with DAB as the chromogen.

4 Publications Citing This Product

1. PubMed ID: -, Wu,H.,Jiang,X.,Li,Y.,Zhou,Y.,Zhang,T.,Zhi,P.,Gao,J.,Engineering Stem Cell Derived Biomimetic Vesicles for Versatility and Effective Targeted Delivery.Adv. Funct.Mater.2020, 30, 2006169.<https://doi.org/10.1002/adfm.202006169>
2. PubMed ID: 22553557, Differentiation of mesenchymal stem cell in the microenviroment of retinitis pigmentosa
3. PubMed ID: 28341839, Therapeutic efficacy of neural stem cells originating from umbilical cord-derived mesenchymal stem cells in diabetic retinopathy

Visit bosterbio.com/anti-cd90-thy1-picoband-trade-antibody-a01818-1-boster.html to see all 4 publications.

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