

CD155 Rabbit pAb

Catalog Number: bs-2525R

Target Protein: CD155

Concentration: 1mg/ml

Form: Liquid

Host: Rabbit

Clonality: Polyclonal

Isotype: IgG

Applications: IHC-P (1:100-500), IHC-F (1:100-500), IF (1:100-500)

Reactivity: Human, Mouse (predicted:Rat, Rabbit)

Predicted MW: 47 kDa

Subcellular: Secreted ,Cell membrane

Locations:

Entrez Gene: 5817

Swiss Prot: P15151

Source: KLH conjugated synthetic peptide derived from human CD155: 85-180/392.

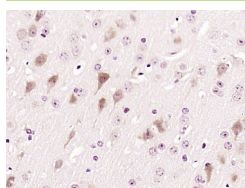
Purification: affinity purified by Protein A

Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.

Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

Background: The protein encoded by this gene is a transmembrane glycoprotein belonging to the immunoglobulin superfamily. The external domain mediates cell attachment to the extracellular matrix molecule vitronectin, while its intracellular domain interacts with the dynein light chain Tctex-1/DYNLT1. The gene is specific to the primate lineage, and serves as a cellular receptor for poliovirus in the first step of poliovirus replication. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq].

VALIDATION IMAGES



Paraformaldehyde-fixed, paraffin embedded (Mouse brain); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (CD155) Polyclonal Antibody, Unconjugated (bs-2525R) at 1:400 overnight at 4°C, followed by a conjugated secondary antibody (sp-0023) for 20 minutes and DAB staining.

PRODUCT SPECIFIC PUBLICATIONS

[IF=12.12] Akahori et al. CD163 interacts with TWEAK to regulate tissue regeneration after ischaemic injury. (2015) Nat.Commu. 6:7792 IP ; Mouse . 26242746

[IF=7.4] Liang Junxian. et al. PITPNC1 Suppress CD8+ T cell immune function and promote radioresistance in rectal cancer by modulating FASN/CD155. J TRANSL MED. 2024 Dec;22(1):1-18 IHC ; Mouse,Human . 38291470

[IF=4.6] Qi Wan. et al. Astragalus Polysaccharide Alleviates Ulcerative Colitis by Regulating the Balance of mTh17/mTreg Cells through TIGIT/CD155 Signaling. MOLECULES. 2024 Jan;29(1):241 WB,IF ; MOUSE . 10.3390/molecules29010241