
CD33 Rabbit pAb

Catalog Number: bs-1514R

Target Protein: CD33

Concentration: 1mg/ml

Form: Liquid

Host: Rabbit

Clonality: Polyclonal

Isotype: IgG

Applications: WB (1:500-2000), IHC-P (1:100-500), IHC-F (1:100-500), IF (1:100-500), ICC/IF (1:100-500),
ELISA (1:5000-10000)

Reactivity: Mouse

Predicted MW: 40/37 kDa

Detected MW: 67 kDa

Entrez Gene: 12489

Swiss Prot: Q63994

Source: KLH conjugated synthetic peptide derived from mouse CD33: 101-200/334.

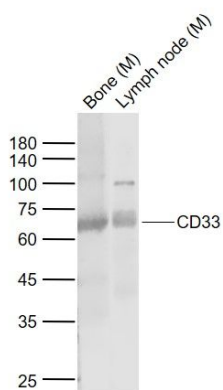
Purification: affinity purified by Protein A

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: Enables protein phosphatase binding activity and sialic acid binding activity. Involved in several processes, including negative regulation of cytokine production; negative regulation of monocyte activation; and positive regulation of protein tyrosine phosphatase activity. Located in several cellular components, including Golgi apparatus; external side of plasma membrane; and peroxisome. [provided by Alliance of Genome Resources, Apr 2022]

VALIDATION IMAGES



Sample: Lane 1: Bone (Mouse) Lysate at 40 ug Lane 2: Lymph node (Mouse) Lysate at 40 ug Primary: Anti-CD33 (bs-1514R) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution
Predicted band size: 40/37 kD Observed band size: 65 kD

PRODUCT SPECIFIC PUBLICATIONS

[IF=5.97] Jiang et al. Involvement of p38 in signal switching from autophagy to apoptosis via the PERK/eIF2 α /ATF4 axis in selenite-treated NB4 cells. (2014) Cell.Death.Dis. 5:e1270 IHC ; Mouse . 24874742

[IF=4.46] Shi, Kejian, et al. "Sodium selenite alters microtubule assembly and induces apoptosis in vitro and in vivo." Journal of hematology & oncology 6.1 (2013): 1-9. WB ; Human . 23327530

[IF=4.24] Shan, Wulin, et al. "LukS-PV, a component of Pantone-Valentine leukocidin, exerts potent activity against acute myeloid leukemia in vitro and in vivo." The International Journal of Biochemistry & Cell Biology (2015). IHC ; ="Mouse" . 25601295

[IF=2.936] Han Y et al. Chemical metabolomics for investigating the protective effectiveness of Acanthopanax senticosus Harms leaf against acute promyelocytic leukemia.RSC Adv., 2018, 8, 11983. IHC ; Mouse . 10.1039/c8ra01029c

[IF=3.057] Katarzyna Sikorska et al. The Impact of Ag Nanoparticles and CdTe Quantum Dots on Expression and Function of Receptors Involved in Amyloid- β Uptake by BV-2 Microglial Cells. Materials (Basel) . 2020 Jul 20;13(14):3227. FCM ; mouse . 32698417