

Datasheet for ABIN324659

anti-2B4 antibody (Extracellular Domain)[Go to Product page](#)

Overview

Quantity:	100 µg
Target:	2B4 (CD244)
Binding Specificity:	Extracellular Domain
Reactivity:	Mouse
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This 2B4 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Flow Cytometry (FACS), Immunohistochemistry (IHC), Immunofluorescence (IF)

Product Details

Immunogen:	NS0-derived rm2B4 extracellular domain. Type of Immunogen: Recombinant protein
Isotype:	IgG
Specificity:	Recognizes mouse 2B4 extracellular domain.
Purification:	Immunoaffinity purified

Target Details

Target:	2B4 (CD244)
Alternative Name:	CD244 (CD244 Products)

Target Details

Background:	Name/Gene ID: CD244 Synonyms: CD244, 2B4, H2B4, NAIL, NKR2B4, Nmrk, SLAMF4, CD244 antigen
Gene ID:	51744
UniProt:	Q9BZW8

Application Details

Application Notes:	Approved: ELISA, Flo, IF, IHC, WB Usage: Direct ELISA, Western Blot, Flow Cytometry, Immunohistochemistry. Direct ELISA: This antibody can be used at 0.5-1.0 µg/mL with the appropriate secondary reagents to detect mouse 2B4. The detection limit for rm2B4 is approximately 0.3 ng/well. In this format, this antibody shows approximately 5 % cross-reactivity with rh2B4 and less than 1 % cross-reactivity with rhSLAM. Western Blot: This antibody can be used at 0.1-0.2 µg/mL with the appropriate secondary reagents to detect mouse 2B4. The detection limit for rm2B4 is approximately 5 ng/lane under non-reducing and reducing conditions. Flow Cytometry: This antibody can be used at 3-10 µg/mL/1 x10 ⁶ with an appropriate secondary antibody for indirect immunofluorescence staining of cells by flow cytometry. Immunohistochemistry: This antibody will detect 2B4 in cells and tissues. The working dilution is 5-15 µg/mL.
Comment:	Target Species of Antibody: Mouse
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Reconstitution:	Reconstitution: Reconstitute, sterile PBS. If 1 mL of PBS is used, the antibody concentration will be 500 µg/mL.
Concentration:	Lot specific
Buffer:	Lyophilized from PBS, 5 % trehalose. Reconstitution: Reconstitute, sterile PBS. If 1 mL of PBS is used, the antibody concentration will be 500 µg/mL.