

Datasheet for ABIN783458
anti-2B4 antibody (C-Term)



[Go to Product page](#)

1 Image

Overview

Quantity:	0.1 mg
Target:	2B4 (CD244)
Binding Specificity:	C-Term
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This 2B4 antibody is un-conjugated
Application:	Western Blotting (WB), Enzyme Immunoassay (EIA)

Product Details

Immunogen:	16 amino acid peptide near the carboxy terminus of human SLAMF4
Specificity:	This antibody detects CD244 / SLAMF4 at C-term. At least three isoforms of SLAMF4 are known to exist. The antibody is predicted to not cross-react with other SLAM protein family members.
Cross-Reactivity (Details):	Species reactivity (tested): Human, mouse, rat
Purification:	Affinity chromatography purified via peptide column

Target Details

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

Target Details

Background: The signaling lymphocyte-activation molecule family member 4 (SLAMF4), also known as 2B4, is an important regulator of Natural Killer (NK) cell activation. It is expressed on NK cells as well as on subsets of T cells and interacts with SLAMF2, causing the activation of both SLAMF4- and SLAMF2-expressing cells. Patients with systemic lupus erythmatosus have lower than normal levels of SLAMF4 expressed on their NK cells and monocytes, suggesting that SLAMF4 may play a role in this autoimmune disease. Synonyms: NAIL, NK cell activation-inducing ligand, NK cell type I receptor protein 2B4, NKR2B4, Natural killer cell receptor 2B4

Gene ID: 51744

NCBI Accession: [NP_001160135](#)

UniProt: [Q9BZW8](#)

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

Handling

Buffer: PBS containing 0.02 % sodium azide

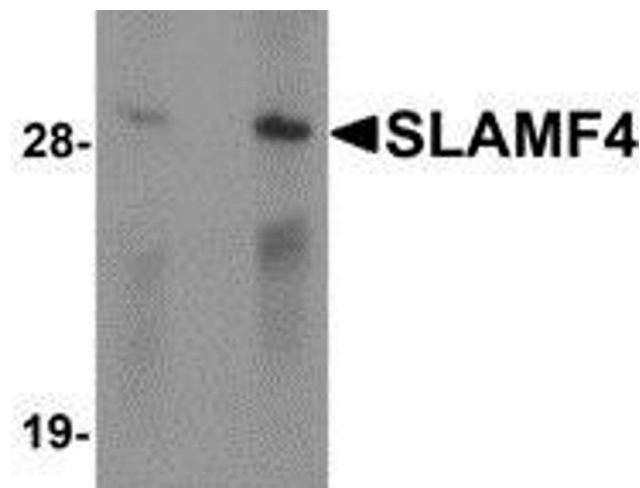
Preservative: Sodium azide

Precaution of Use: This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Handling Advice: Avoid repeated freezing and thawing.

Storage: 4 °C/-20 °C

Storage Comment: Store at 2 - 8 °C for up to three months or (in aliquots) at -20 °C for longer.



Western Blotting

Image 1. Western blot analysis of SLAMF4 in Daudi cell lysate with SLAMF4 antibody at (left) 1 and (right) 2 µg/ml.