

Rabbit anti-Human CD244 Polyclonal Antibody | anti-CD244 antibody

Anti-CD244 antibody

CATALOG # AAA45459	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry, Western Blot
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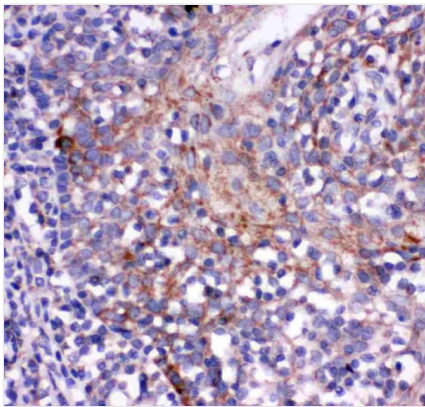
PRODUCT SYNONYMS

CD244; Polyclonal Antibody; Anti-CD244 antibody; Natural killer cell receptor 2B4; CD244 molecule; natural killer cell receptor 2B4; 2B4 antibody; C9.1 antibody; CD244 antibody; CD244 antigen antibody; CD244 molecule natural killer cell receptor 2B4 antibody; CD244 natural killer cell receptor 2B4 antibody; CD244_HUMAN antibody; F730046O15Rik antibody; h2B4 antibody; Ly90 antibody; NAIL antibody; Natural killer cell activation-inducing ligand antibody; Natural killer cell receptor 2B4 antibody; NK cell activation inducing ligand antibody; NK cell activation inducing ligand NAIL antibody; NK cell activation-inducing ligand antibody; NK cell type I receptor protein 2B4 antibody; NKR2B4 antibody; Nmrk antibody; Non-MHC restricted killing associated antibody; OTTHUMP00000027884 antibody; p38 antibody; SLAM family; member 4 antibody; SLAMF4 antibody; anti-CD244 antibody

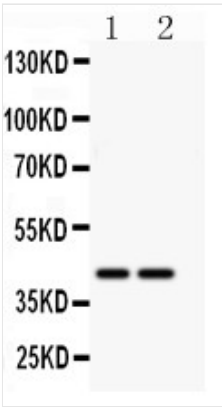
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Immunogen affinity purified.
Form/Format	Lyophilized
Sequence Length	370
Applicable Applications for anti-CD244 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthetic peptide corresponding to a sequence at the C-terminus of human CD244 (357-370aa RLSRKELENFDVYS).
Contents	Each vial contains 5mg BSA, 0.9mg NaCl, 0.2mg Na2HPO4, 0.05mg Thimerosal, 0.05mg NaN3.
Reconstitution	Add 0.2ml of distilled water will yield a concentration of 500ug/ml.
Preparation and Storage	At -20 degree C for one year. After reconstitution, at 4 degree C for one month. It can also be aliquotted and stored frozen at -20 degree C for a longer time. Avoid repeated freezing and thawing.

IMAGES



IHC (Immunohistochemistry)
Anti- CD244 antibody, AAA45459, IHC(P)IHC(P): Human Tonsil Tissue



WB (Western Blot)
Anti- CD244 antibody, AAA45459, Western blottingAll lanes: Anti CD244 (AAA45459) at 0.5ug/mlLane 1: MCF-7 Whole Cell Lysate at 40ugLane 2: HELA Whole Cell Lysate at 40ugPredicted bind size: 42KDObserved bind size: 42KD

ADDITIONAL INFORMATION

Related Product Information for anti-CD244 antibody	Description: Rabbit IgG polyclonal antibody for Natural killer cell receptor 2B4(CD244) detection. Tested with WB, IHC-P in Human. Background: CD244(Cluster of Differentiation 244) is a human protein encoded by the CD244 gene. It is also known as Natural Killer Cell Receptor 2B4. Tangye et al.(1999) mapped the 2B4 gene to 1q22. Suzuki et al.(2008) identified a functional single-nucleotide polymorphism(SNP) in the CD244 gene that contributes to rheumatoid arthritis susceptibility. Functional analysis by Boles et al.(1999) demonstrated that engagement of 2B4 with specific antibody activates NK cytolytic activity. Using recombinant human NK cell-activating ligand 2B4 fused to domains 3 and 4 of rodent Cd4 and flow cytometric analysis, Brown et al.(1998) demonstrated that CD48 binds to 2B4. Watzl et al.(2000) showed that antibody-mediated cross-linking of 2B4 leads to its rapid tyrosine phosphorylation, which is necessary for 2B4-mediated killer cell activity.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	47605541
NCBI GeneID	51744
UniProt Accession #	Q9BZW8; Q5VYI2; Q5VYI6; Q5VYI7; Q96T47; Q9NQD2; Q9NQD3; Q9Y288
Molecular Weight	30,784 Da
NCBI Official Full Name	Natural killer cell receptor 2B4
NCBI Official Synonym Full Names	CD244 molecule, natural killer cell receptor 2B4
NCBI Official Symbol	CD244
NCBI Official Synonym Symbols	2B4; NAIL; Nmrk; NKR2B4; SLAMF4
NCBI Protein Information	natural killer cell receptor 2B4; h2B4; SLAM family member 4; NK cell activation-inducing ligand; NK cell type I receptor protein 2B4; NK cell activation inducing ligand NAIL; signaling lymphocytic activation molecule 4
UniProt Protein Name	Natural killer cell receptor 2B4
UniProt Gene Name	CD244
UniProt Synonym Gene Names	2B4; NAIL; NKR2B4; h2B4; SLAMF4
UniProt Entry Name	CD244_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

