

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

CD244 Polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA29308	Rabbit	Human	Western Blot, Immunohistochemistry

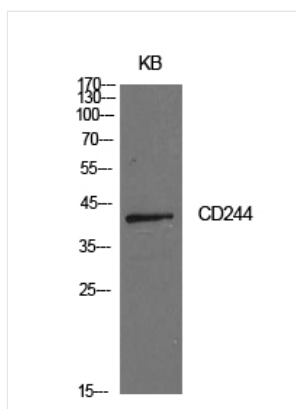
PRODUCT SYNONYMS

CD244; Polyclonal Antibody; CD244 Polyclonal Antibody; 2B4; Natural killer cell receptor 2B4; NK cell activation-inducing ligand; NAIL; NK cell type I receptor protein 2B4; NKR2B4; h2B4; anti-CD244 antibody

PRODUCT SPECIFICATIONS

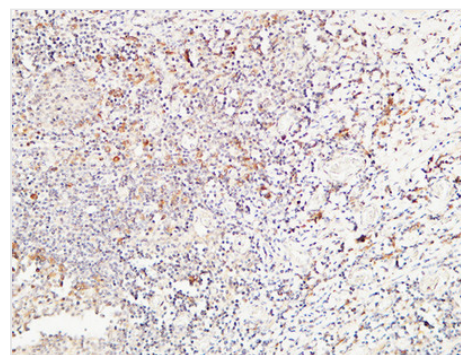
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Applicable Applications for anti-CD244 antibody	WB (Western Blot), IHC (Immunohistochemistry)
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 2 weeks. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



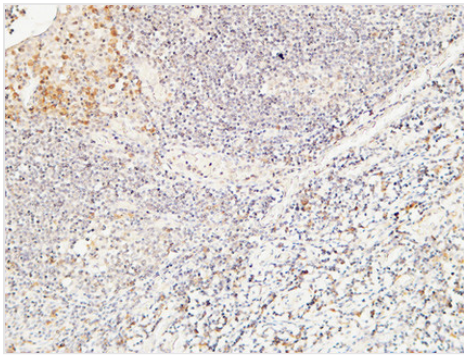
WB (Western Blot)

Dilution: Western Blot: 1/500 - 1/2000. IHC-p: 1:100-1:300. ELISA: 1/10000. Not yet tested in other applications.



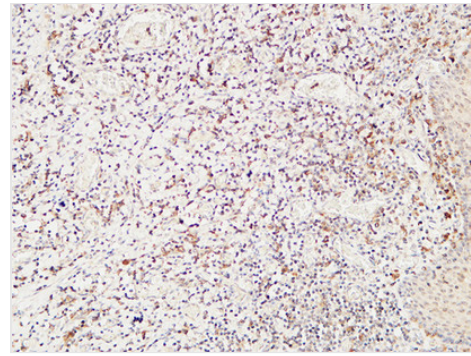
IHC (Immunohistochemistry)

Dilution: Western Blot: 1/500 - 1/2000. IHC-p: 1:100-1:300. ELISA: 1/10000. Not yet tested in other applications.



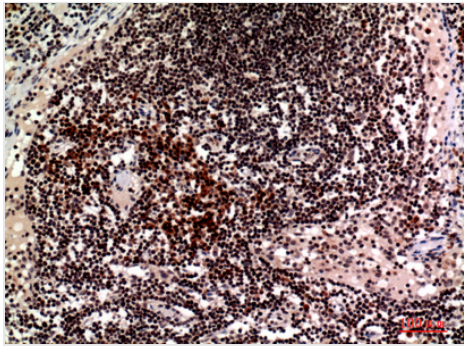
IHC (Immunohistochemistry)

Dilution: Western Blot: 1/500 - 1/2000. IHC-p: 1:100-1:300. ELISA: 1/10000. Not yet tested in other applications.



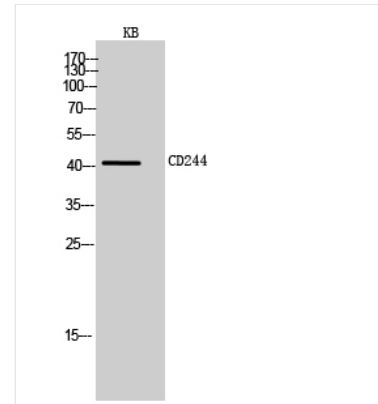
IHC (Immunohistochemistry-Paraffin)

Dilution: Western Blot: 1/500 - 1/2000. IHC-p: 1:100-1:300. ELISA: 1/10000. Not yet tested in other applications.



IHC (Immunohistochemistry-Paraffin)

Dilution: Western Blot: 1/500 - 1/2000. IHC-p: 1:100-1:300. ELISA: 1/10000. Not yet tested in other applications.



WB (Western Blot)

Dilution: Western Blot: 1/500 - 1/2000. IHC-p: 1:100-1:300. ELISA: 1/10000. Not yet tested in other applications.

ADDITIONAL INFORMATION

Related Product Information for anti-CD244 antibody

Heterophilic receptor of the signaling lymphocytic activation molecule (SLAM) family; its ligand is CD48. SLAM receptors triggered by homo- or heterotypic cell-cell interactions are modulating the activation and differentiation of a wide variety of immune cells and thus are involved in the regulation and interconnection of both innate and adaptive immune response. Activities are controlled by presence or absence of small cytoplasmic adapter proteins, SH2D1A/SAP and/or SH2D1B/EAT-2. Acts as activating natural killer (NK) cell receptor (PubMed:8376943, PubMed:11714776). Activating function implicates association with SH2D1A and FYN (PubMed:15713798). Stimulates NK cell cytotoxicity, production of IFN-gamma and granule exocytosis (PubMed:11714776). Optimal expansion and activation of NK cells seems to be dependent on the engagement of CD244 with CD48 expressed on neighboring NK cells (By similarity). Acts as costimulator in NK activation by enhancing signals by other NK receptors such as NCR3 and NCR1 (PubMed:10741393). At early stages of NK cell differentiation may function as an inhibitory receptor possibly ensuring the self- tolerance of developing NK cells (PubMed:11917118). Involved in the regulation of CD8 (+) T-cell proliferation; expression on activated T-cells and binding to CD488 provides costimulatory-like function for neighboring T-cells (By similarity). Inhibits inflammatory responses in dendritic cells (DCs)(By similarity).

NCBI AND UNIPROT INFORMATION

NCBI GI #	47605541
NCBI GeneID	51744
UniProt Accession #	Q9BZW8 ; Q5VYI2 ; Q5VYI6 ; Q5VYI7 ; Q96T47 ; Q9NQD2 ; Q9NQD3 ; Q9Y288
Molecular Weight	370
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.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/cd244-antibody-western-blot-immunohistochemistry-elisa/29308>