

## Human CD244,2B4 ELISA Kit

Catalog No: #EK5416

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## Description

Product Name	Human CD244,2B4 ELISA Kit
Specificity	Human
Crossing Reactivity	There is no detectable cross-reactivity with other relevant proteins.
Immunogen Type	NSO,C22-R221
Other Names	Natural killer cell receptor 2B4; NK cell activation-inducing ligand; NAIL; NK cell type I receptor protein 2B4; NKR2B4; h2B4; SLAM family member 4; SLAMF4; Signaling lymphocytic activation molecule 4; CD244; CD244; 2B4;
Accession No.	Q9BZW8
Uniprot	Q9BZW8
GeneID	51744;
Cell Localization	Membrane; Single-pass type I membrane protein.

## Application Details

sensitivity:10pg mlDetect Range:62.5pg ml-4000pg mlsample\_type:cell culture supernates cell lysates tissue homogenates serum and plasma (heparin EDTA).capture\_antibody:monoclonal antibody from mousedetection\_antibody:polyclonal antibody from goatgene\_name:CD244protein\_name:Natural killer cell receptor 2B4gene\_full\_name:Natural killer cell receptor 2B4tissue\_specificity: Expressed in spleen PBL followed by lung liver testis and small intestine. Expressed not only in NK cells but also on monocytes and basophils..sequence\_similarities:tmb\_incubation:25-30minresearch\_category:immunology|cell type markers|cd|nk cells|stem cells|hematopoietic progenitors|lymphoid|t lymphocytic lineage|nk cell lineage

## Product Description

Sandwich High Sensitivity ELISA kit for Quantitative Detection of Human CD244,2B4

## Background

protein\_function: Modulate other receptor-ligand interactions to enhance leukocyte activation. CD244,2B4 is the only heterophilic receptor of SLAM family..CD244(Cluster of Differentiation 244) is a human protein encoded by the CD244 gene. It is also known as Natural Killer Cell Receptor 2B4. Members of the CD2 family adhere to each other instead, the cell surface glycoprotein 2B4 is related to CD2 and is implicated in the regulation of NK- and T-cell function. The 2B4 gene was mapped to 1q22 on gene map, where SLAM, CD48, CD84 and LY9 are also located. Using recombinant human NK cell-activating ligand 2B4 fused to domains 3 and 4 of rodent Cd4 and flow cytometric analysis, It was found that CD48 binds to 2B4. BIAcore surface plasmon resonance analysis showed that the affinity of CD48 for 2B4 is approximately 10-fold higher than that shown for CD48 and CD2.

Note: This product is for in vitro research use only