KIR2DS4 Polyclonal Antibody

Catalog No: #42230

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Description

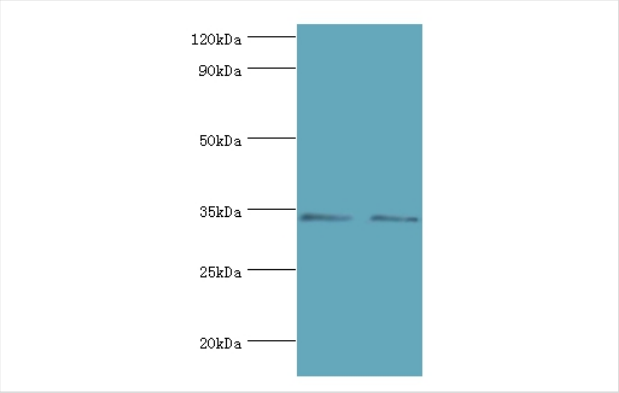
Product Name	KIR2DS4 Polyclonal Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antigen Affinity Purified
Applications	WB IHC
Species Reactivity	Hu
Specificity	The antibody detects endogenous level of total KIR2DS4 polyclonal antibody.
Immunogen Type	protein
Immunogen Description	Recombinant human Killer cell immunoglobulin-like receptor 2DS4 protein (22-245aa)
Target Name	KIR2DS4
Other Names	CD158 antigen-like family member I, MHC class I NK cell receptor, Natural killer-associated transcript 8, NKAT-8, P58 natural killer cell receptor clones CL-39/CL-17, p58 NK receptor CL-39/CL-17, CD158i, KIR2DS4, CD158I, KKA3, NKAT8
Accession No.	Swiss-Prot#: P43632
Uniprot	P43632
GeneID	3809;
Calculated MW	34kd
Concentration	1.0mg/mL
Formulation	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Storage	Store at -20°C

Application Details

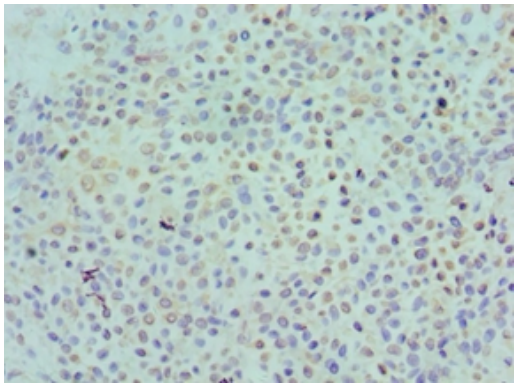
Western blotting: 1:500 - 1:1000

Immunohistochemistry: 1:20 - 1:200

Images



All lanes:Killer cell immunoglobulin-like receptor 2DS4 antibody at 4ug/ml
Lane 1:K562 whole cell lysate
Lane 2:jurkat whole cell lysate
secondary
Goat polyclonal to rabbit at 1/10000 dilution
predicted band size :34kDa
observed band size :34kDa



Immunohistochemical analysis of paraffin-embedded human breast cancer using #42230 at dilution of 1:100.

Background

Receptor on natural killer (NK) cells for HLA-C alleles. Does not inhibit the activity of NK cells.

References

[1]"KIR2DS4 is a product of gene conversion with KIR3DL2 that introduced specificity for HLA-A*11 while diminishing avidity for HLA-C."Graef T., Moesta A.K., Norman P.J., Abi-Rached L., Vago L., Older Aguilar A.M., Gleimer M., Hammond J.A., Guethlein L.A., Bushnell D.A., Robinson P.J., Parham P.J. Exp. Med. 206:2557-2572(2009). [2]"The status, quality, and expansion of the NIH full-length cDNA project: the Mammalian Gene Collection (MGC)." The MGC Project Team Genome Res. 14:2121-2127(2004). [3]"Activation of a subset of human NK cells upon contact with Plasmodium falciparum-infected erythrocytes." Artavanis-Tsakonas K., Eleme K., McQueen K.L., Cheng N.W., Parham P., Davis D.M., Riley E.M.J. Immunol. 171:5396-5405(2003).

Note: This product is for in vitro research use only