

KIR2DL5B Antibody (Center)

Affinity Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP8909c

Product Information

Application	WB, IHC-P, FC, E
Primary Accession	Q8NHN3
Other Accession	Q8N109
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Clone Names	RB22916
Calculated MW	40695
Antigen Region	264-290

Additional Information

Gene ID	553128
Other Names	Killer cell immunoglobulin-like receptor 2DL5B, CD158 antigen-like family member F2, Killer cell immunoglobulin-like receptor 2DLX, CD158f2, KIR2DL5B, CD158F, CD158F2, KIR2DL5, KIR2DLX
Target/Specificity	This KIR2DL5B antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 264-290 amino acids from the Central region of human KIR2DL5B.
Dilution	WB~~1:1000 IHC-P~~1:100~500 FC~~1:10~50 E~~Use at an assay dependent concentration.
Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Precautions	KIR2DL5B Antibody (Center) is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	KIR2DL5B
Synonyms	CD158F, CD158F2, KIR2DL5, KIR2DLX

Function Receptor on natural killer (NK) cells for HLA-C alleles. Inhibits the activity of NK cells thus preventing cell lysis.

Cellular Location Cell membrane; Single-pass type I membrane protein

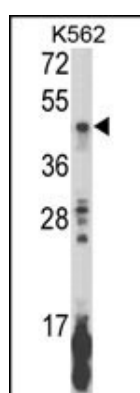
Background

KIR2DL5B is a receptor on natural killer (NK) cells for HLA-C alleles. It inhibits the activity of NK cells thus preventing cell lysis.

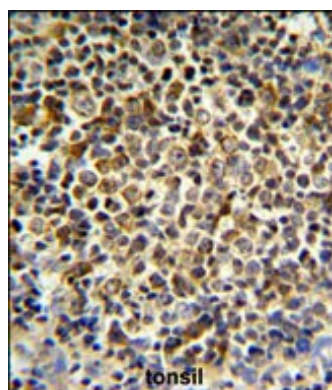
References

Gomez-Lozano N., et.al., Immunogenetics 54:314-319(2002).

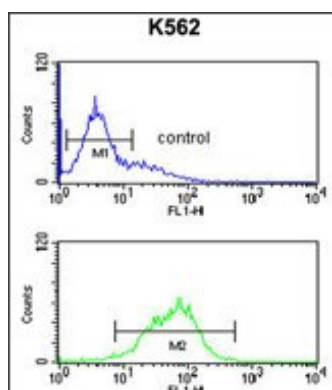
Images



Western blot analysis of KIR2DL5B Antibody (Center) (Cat. #AP8909c) in K562 cell line lysates (35ug/lane). KIR2DL5B (arrow) was detected using the purified Pab.



KIR2DL5B Antibody (Center) (Cat. #AP8909c) IHC analysis in formalin fixed and paraffin embedded tonsil tissue followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of the KIR2DL5B Antibody (Center) for immunohistochemistry. Clinical relevance has not been evaluated.



KIR2DL5B Antibody (Center) (Cat. #AP8909c) flow cytometric analysis of K562 cells (bottom histogram) compared to a negative control cell (top histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.