Datasheet for ABIN5611325

anti-KIR3DL1 antibody (AA 206-340)

5 Images

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Overview

Quantity:	0.1 mg
Target:	KIR3DL1
Binding Specificity:	AA 206-340
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC), Flow Cytometry (FACS), Immunocytochemistry (ICC), Neutralization (Neut)

Product Details

Immunogen:	Purified recombinant fragment of human CD158E1 (AA: extra 206-340) expressed in E. coli.
Clone:	2C3B6
Isotype:	IgG1
Purification:	purified

Target Details

Target:	KIR3DL1
Alternative Name:	CD158E1 (KIR3DL1 Products)
Background:	Description: Killer cell immunoglobulin-like receptors (KIRs) are transmembrane glycoproteins expressed by natural killer cells and subsets of T cells. The KIR genes are polymorphic and highly homologous and they are found in a cluster on chromosome 19q13.4 within the 1 Mb

Target Details

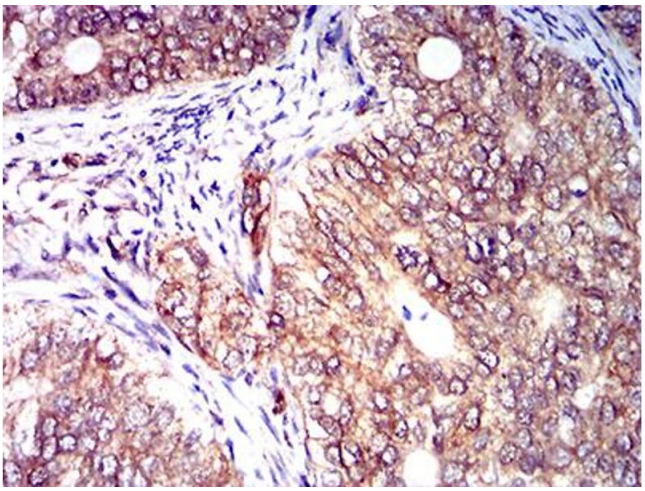
	leukocyte receptor complex (LRC). The gene content of the KIR gene cluster varies among haplotypes, although several "framework" genes are found in all haplotypes (KIR3DL3, KIR3DP1, KIR3DL4, KIR3DL2). The KIR proteins are classified by the number of extracellular immunoglobulin domains (2D or 3D) and by whether they have a long (L) or short (S) cytoplasmic domain. KIR proteins with the long cytoplasmic domain transduce inhibitory signals upon ligand binding via an immune tyrosine-based inhibitory motif (ITIM), while KIR proteins with the short cytoplasmic domain lack the ITIM motif and instead associate with the TYRO protein tyrosine kinase binding protein to transduce activating signals. The ligands for several KIR proteins are subsets of HLA class I molecules, thus, KIR proteins are thought to play an important role in regulation of the immune response. Aliases: KIR3DL1, KIR, NKB1, NKAT3, NKB1B, NKAT-3, KIR3DL1/S1
Molecular Weight:	49 kDa
Gene ID:	3811
HGNC:	3811

Application Details

Application Notes:	ELISA: 1:10000, WB: 1:500 - 1:2000, ICC: N/A, FCM: 1:200 - 1:400, IHC: 1:200 - 1:1000
Restrictions:	For Research Use only

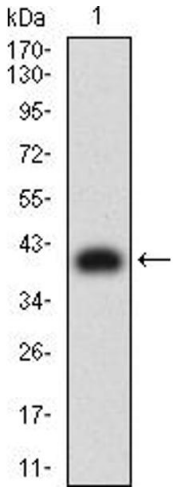
Handling

Format:	Liquid
Buffer:	Purified antibody in PBS with 0.05 % sodium azide
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C/-20 °C
Storage Comment:	4°C, -20°C for long term storage



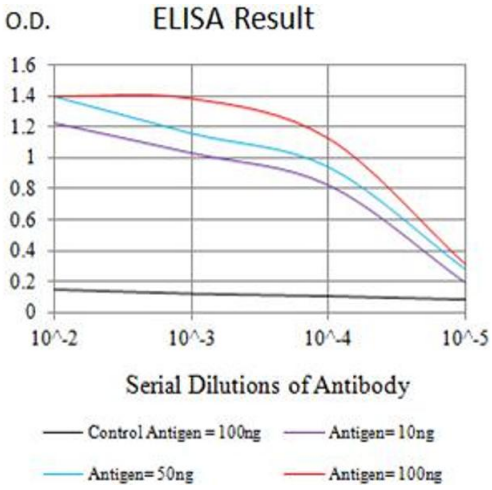
Immunohistochemistry

Image 1. Immunohistochemical analysis of paraffin-embedded cervical cancer tissues using CD158E1 mouse mAb with DAB staining.



Western Blotting

Image 2. Western blot analysis using CD158E1 mAb against human CD158E1 (AA: extra 206-340) recombinant protein. (Expected MW is 40.5 kDa)



ELISA

Image 3. Black line: Control Antigen (100 ng),Purple line: Antigen (10 ng), Blue line: Antigen (50 ng), Red line:Antigen (100 ng)

Please check the product details page for more images. Overall 5 images are available for ABIN5611325.