

Anti-KIR2DL3/KIR2DL1/KIR2DL4/KIR2DS4 antibody

Cat. No.	ml122052
Package	25 µl/100 µl/200 µl
Storage	-20°C, pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol

Product overview

Description	Anti-KIR2DL3/KIR2DL1/KIR2DL4/KIR2DS4 rabbit polyclonal antibody
Applications	ELISA, IHC
Immunogen	Fusion protein of human KIR2DL3/1/4/S4
Reactivity	Human
Content	0.3 mg/ml
Host species	Rabbit
Ig class	Immunogen-specific rabbit IgG
Purification	Antigen affinity purification

Target information

Symbol	KIR2DL3/KIR2DL1/KIR2DL4/KIR2DS4
Full name	killer cell immunoglobulin-like receptor, two domains, long cytoplasmic tail, 3/1/4/ short cytoplasmic tail, 4
Synonyms	p58; NKAT; GL183; NKAT2; CD158b; NKAT2A; NKAT2B; CD158B2; KIR-K7b; KIR-K7c; KIRCL23; KIR-023GB/NKAT; NKAT1; p58.1; CD158A; KIR221; KIR-K64/ G9P; CD158D; KIR103; KIR103AS/ KKA3; KIR1D; NKAT8; CD158I; KIR412
Swissprot	P43628/P43626/Q99706/P43632

Target Background

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 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.

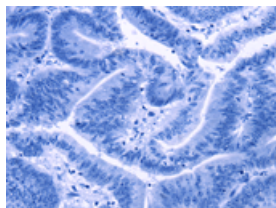
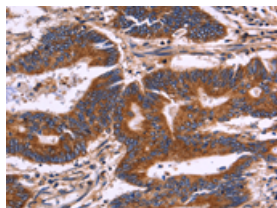
Applications

Immunohistochemistry

Predicted cell location: Cytoplasm

Positive control: Human colon cancer

Recommended dilution: 50-100

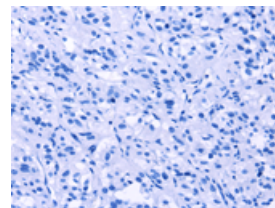
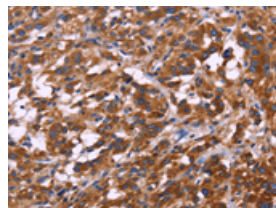


The image on the left is immunohistochemistry of paraffin-embedded Human colon cancer tissue using ml122052(KIR2DL3/KIR2DL1/KIR2DL4/KIR2DS4 Antibody) at dilution 1/30, on the right is treated with fusion protein. (Original magnification: $\times 200$)

Predicted cell location: Cytoplasm

Positive control: Human thyroid cancer

Recommended dilution: 50-100



The image on the left is immunohistochemistry of paraffin-embedded Human thyroid cancer tissue using ml122052(KIR2DL3/KIR2DL1/KIR2DL4/KIR2DS4 Antibody) at dilution 1/30, on the right is treated with fusion protein. (Original magnification: $\times 200$)

ELISA

Recommended dilution: 1000-2000

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