

Recombinant

DGRmAb®

KIR2DL3 (DGR16858) Rabbit mAb

db16611

Package : 10µL 20µL 50µL 100µL

Product Name : KIR2DL3 (DGR16858) Rabbit mAb

Cat.No.: db16611

Synonyms : p58; NKAT; GL183; NKAT2; CD158b; KIR2DL; NKAT2A; NKAT2B; CD158B2; KIR-K7b; KIR-K7c; KIR2DS5; KIRCL23; KIR-023GB

Application : FC

Reactivity : Human

Host species : Rabbit

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. 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. [provided by RefSeq, Jul 2008]

Immunogen

Recombinant protein of human KIR2DL3

Gene ID

3804

Swiss Prot

P43628

Synonyms

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Reactivity

Human

Application

FC

Recommended dilution

FC: 1:200-1:500

Calculated MW

38 kDa

| | |
|--------------------------|---|
| Host species | Rabbit |
| Clonality | Monoclonal |
| Clonality No. | DGR16858 |
| Isotype | IgG |
| Purity | Affinity Purification |
| Conjugation | Un-conjugated |
| Storage Stability | Store at -20°C. Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% BSA. Stable for 12 months from date of receipt. |