



CD158z rabbit pAb

Cat No.:ES4003

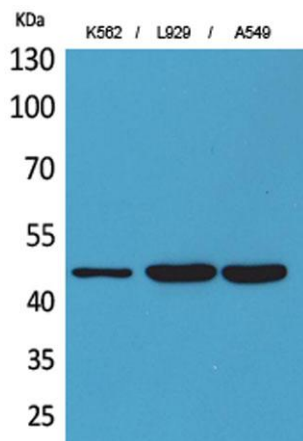
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Overview

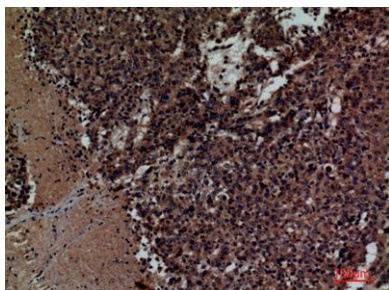
Product Name	CD158z rabbit pAb
Host species	Rabbit
Applications	WB;IHC;IF;ELISA
Species Cross-Reactivity	Human;Rat;Mouse;
Recommended dilutions	Western Blot: 1/500 - 1/2000. IHC-p: 1:100-300 ELISA: 1/20000. Not yet tested in other applications.
Immunogen	The antiserum was produced against synthesized peptide derived from the Internal region of human KIR3DL3. AA range:231-280
Specificity	CD158z Polyclonal Antibody detects endogenous levels of CD158z protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Storage	Store at -20°C. Avoid repeated freeze-thaw cycles.
Protein Name	Killer cell immunoglobulin-like receptor 3DL3
Gene Name	KIR3DL3
Cellular localization	Cell membrane; Single-pass type I membrane protein.
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Clonality	Polyclonal
Concentration	1 mg/ml
Observed band	45kD
Human Gene ID	100133046
Human Swiss-Prot Number	Q8N743
Alternative Names	KIR3DL3; CD158Z; KIR3DL7; KIRC1; Killer cell immunoglobulin-like receptor 3DL3; CD158 antigen-like family member Z; Killer cell inhibitory receptor 1; CD158z
Background	killer cell immunoglobulin like receptor, three Ig domains and long cytoplasmic tail 3(KIR3DL3) Homo sapiens 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



Western Blot analysis of K562, L929, A549 cells using CD158z Polyclonal Antibody. Secondary antibody(catalog#:RS0002) was diluted at 1:20000

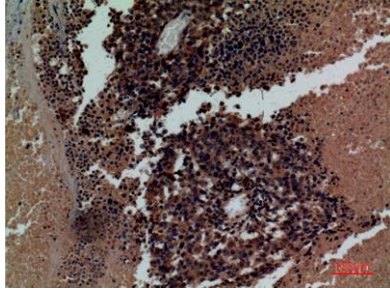


Immunohistochemical analysis of paraffin-embedded human-lung-cancer, antibody was diluted at 1:100



ELK Biotechnology

Immunohistochemical analysis of paraffin-embedded human-lung-cancer, antibody was diluted at 1:100



Immunohistochemical analysis of paraffin-embedded human-brain, antibody was diluted at 1:100

