

Datasheet for ABIN1713554
anti-LILRB2 antibody (AA 1-100)[Go to Product page](#)

1 Image

Overview

Quantity:	100 µL
Target:	LILRB2
Binding Specificity:	AA 1-100
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This LILRB2 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunofluorescence (Paraffin-embedded Sections) (IF (p))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human LILRB2
Isotype:	IgG
Cross-Reactivity:	Human, Mouse
Purification:	Purified by Protein A.

Target Details

Target:	LILRB2
Alternative Name:	LILRB2 (LILRB2 Products)
Background:	Synonyms: CD85D, CD85 antigen-like family member D, CD85d, CD85d antigen, ILT 4, ILT-4, ILT4, Immunoglobulin like transcript 4, Immunoglobulin-like transcript 4, Leukocyte

Target Details

immunoglobulin like receptor 2, Leukocyte immunoglobulin like receptor subfamily B member 2, Leukocyte immunoglobulin-like receptor 2, Leukocyte immunoglobulin-like receptor subfamily B member 2, Leukocyte immunoglobulin-like receptor, subfamily B with TM and ITIM domains, member 2, LILRA6, LILRB2, LIR 2, LIR-2, LIR2, LIRb, LIRB2_HUMAN, MIR 10, MIR-10, MIR10, Monocyte/macrophage immunoglobulin like receptor 10, Monocyte/macrophage immunoglobulin-like receptor 10.

Background: Leukocyte immunoglobulin-like receptors (LIRs) are members of the immunoglobulin superfamily of glycoproteins and are predominantly expressed by monocytes, B cells, dendritic cells, natural killer (NK) cells, peripheral blood leukocytes and tissues such as placenta, lung and liver. These receptors all contain a cytoplasmic immunoreceptor tyrosine-based inhibitory motif (ITIM), have an inhibitory function and are type I membrane proteins. When they bind to MHC (or other ligands) and ITIM is tyrosine phosphorylated, protein-tyrosine phosphatases are recruited and an inhibitory signal cascade triggered. ILT-4, also designated LIR-2, MIR-10 or CD85D antigen, competes with CD8A for binding to class I MHC antigens.

Gene ID: 10288

UniProt: [Q8N423](#)

Pathways: [Cellular Response to Molecule of Bacterial Origin](#)

Application Details

Application Notes: WB 1:300-5000
ELISA 1:500-1000
IF(IHC-P) 1:50-200

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 µg/µL

Buffer: 0.01M TBS(pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.

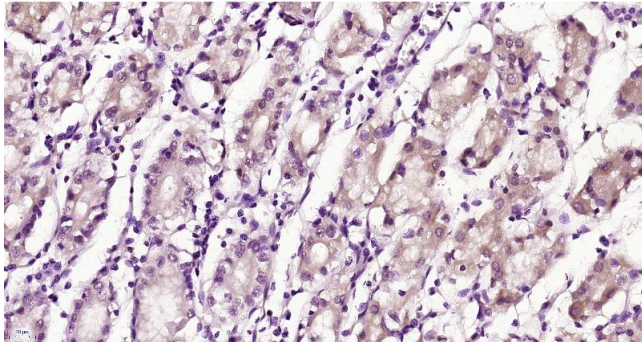
Storage: 4 °C, -20 °C

Handling

Storage Comment: Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

Expiry Date: 12 months

Images



Immunohistochemistry (Paraffin-embedded Sections)

Image 1. Paraformaldehyde-fixed, paraffin embedded Human stomach, Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min, Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes, Blocking buffer (normal goat serum) at 37°C for 30min, Antibody incubation with LILRB2 Polyclonal Antibody, Unconjugated at 1:400 overnight at 4°C, followed by a conjugated secondary and DAB staining.