

ARG65188 anti-CD305 / LAIR1 antibody

Package: 100 µg
Store at: -20°C

Summary

Product Description	Goat Polyclonal antibody recognizes CD305 / LAIR1
Tested Reactivity	Hu
Tested Application	IHC-P, WB
Specificity	This antibody is expected to recognize both isoforms (NP_002278.1; NP_068352.1).
Host	Goat
Clonality	Polyclonal
Isotype	IgG
Target Name	CD305 / LAIR1
Species	Human
Immunogen	C-NDTEDVSQASPSE
Conjugation	Un-conjugated
Alternate Names	LAIR-1; hLAIR1; CD305; CD antigen CD305; Leukocyte-associated immunoglobulin-like receptor 1

Application Instructions

Application table	Application	Dilution
	IHC-P	3 - 5 µg/ml
	WB	1 - 3 µg/ml

Application Note
WB: Recommend incubate at RT for 1h.
IHC-P: Antigen Retrieval: Steam tissue section in Citrate buffer (pH 6.0).
* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.

Properties

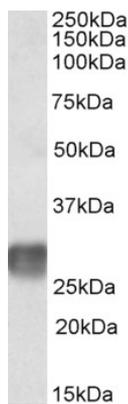
Form	Liquid
Purification	Purified from goat serum by antigen affinity chromatography.
Buffer	Tris saline (pH 7.3), 0.02% Sodium azide and 0.5% BSA.
Preservative	0.02% Sodium azide
Stabilizer	0.5% BSA
Concentration	0.5 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.

Note For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

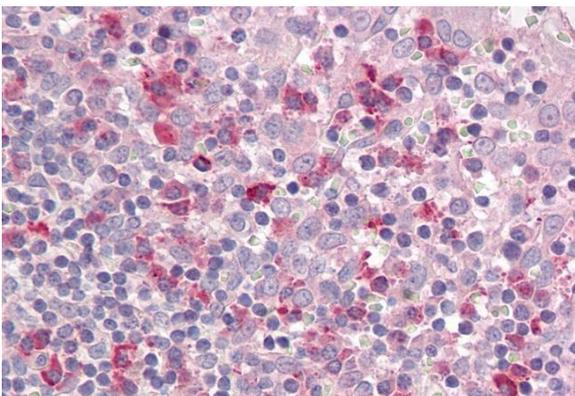
Database links	GeneID: 3903 Human Swiss-port # Q6GTX8 Human
Background	The protein encoded by this gene is an inhibitory receptor found on peripheral mononuclear cells, including NK cells, T cells, and B cells. Inhibitory receptors regulate the immune response to prevent lysis of cells recognized as self. The gene is a member of both the immunoglobulin superfamily and the leukocyte-associated inhibitory receptor family. The gene maps to a region of 19q13.4 called the leukocyte receptor cluster, which contains at least 29 genes encoding leukocyte-expressed receptors of the immunoglobulin superfamily. [provided by RefSeq, Jul 2008]
Research Area	Immune System antibody
Calculated Mw	31 kDa
PTM	Phosphorylation at Tyr-251 and Tyr-281 activates it. May be phosphorylated by LCK. N-glycosylated.

Images



ARG65188 anti-CD305 / LAIR1 antibody WB image

Western blot: Human Lymph Node lysate (35 µg protein in RIPA buffer) stained with ARG65188 anti-CD305 / LAIR1 antibody at 2 µg/ml dilution.



ARG65188 anti-CD305 / LAIR1 antibody IHC-P image

Immunohistochemistry: Paraffin-embedded Human tonsil tissue. Antigen Retrieval: Steam tissue section in Citrate buffer (pH 6.0). The tissue section was stained with ARG65188 anti-CD305 / LAIR1 antibody at 3.75 µg/ml dilution followed by AP-staining.