

**PRODUCT INFORMATION**

<b>Clone ID</b>	1A2
<b>Target</b>	LAIR1
<b>Synonyms</b>	CD305;LAIR-1
<b>Host Species</b>	Rabbit
<b>Description</b>	Anti-LAIR1 antibody(1A2), Rabbit mAb
<b>Delivery</b>	In Stock
<b>Uniprot ID</b>	Q6GTX8
<b>IgG type</b>	Rabbit IgG
<b>Clonality</b>	Monoclonal
<b>Reactivity</b>	Human
<b>Applications</b>	Flow Cyt
<b>Recommended Dilutions</b>	Flow Cyt 1/100
<b>Purification</b>	Purified from cell culture supernatant by affinity chromatography
<b>Endotoxin</b>	Less than 1.0 EU/μg by the LAL method. For <1 EU/mg requirements, please contact us for customization.
<b>Formulation &amp; Reconstitution</b>	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis for specific instructions of reconstitution.
<b>Storage&amp;Shipping</b>	Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient temperature.
<b>Background</b>	The protein encoded by this gene is an inhibitory receptor found on peripheral mononuclear cells, including natural killer 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. The encoded protein has been identified as an anchor for tyrosine phosphatase SHP-1, and may induce cell death in myeloid leukemias. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jan 2014]
<b>Usage</b>	Research use only
<b>Conjugate</b>	Unconjugated



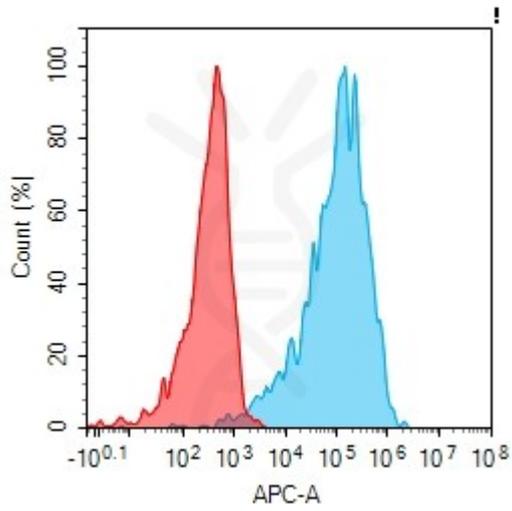


Figure 1. Flow cytometry analysis with 1 $\mu$ g/mL Anti-LAIR1 (1A2) mAb on HEK293 cells transfected with human LAIR1 (Blue histogram) or HEK293 transfected with irrelevant protein (Red histogram).

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