

**ARG42661**  
anti-CD85c / LILRB5 antibodyPackage: 50 µl  
Store at: -20°C

### Summary

Product Description	Rabbit Polyclonal antibody recognizes CD85c / LILRB5
Tested Reactivity	Hu
Predict Reactivity	Rat
Tested Application	WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	CD85c / LILRB5
Species	Human
Immunogen	Synthetic peptide corresponding to aa. 128-173 of Human CD85c / LILRB5.
Conjugation	Un-conjugated
Alternate Names	LIR8; Leukocyte immunoglobulin-like receptor subfamily B member 5; LIR-8; CD85 antigen-like family member C; Leukocyte immunoglobulin-like receptor 8; CD antigen CD85c; CD85C

### Application Instructions

Application table	<table><thead><tr><th>Application</th><th>Dilution</th></tr></thead><tbody><tr><td>WB</td><td>1:500 - 1:1000</td></tr></tbody></table>	Application	Dilution	WB	1:500 - 1:1000
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WB	1:500 - 1:1000				
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.				
Positive Control	THP-1 and MCF7				
Observed Size	~ 70 kDa				

### Properties

Form	Liquid
Purification	Affinity purification with immunogen.
Purity	> 95% (by SDS-PAGE)
Buffer	PBS (pH 7.2), 0.02% Sodium azide and 50% Glycerol.
Preservative	0.02% Sodium azide
Stabilizer	50% Glycerol
Concentration	1 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. 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**

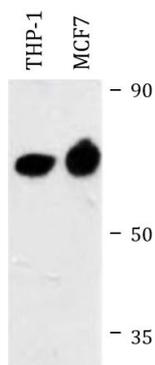
For laboratory research only, not for drug, diagnostic or other use.

## Bioinformation

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Gene Symbol	LILRB5
Gene Full Name	leukocyte immunoglobulin-like receptor, subfamily B (with TM and ITIM domains), member 5
Background	This gene is a member of the leukocyte immunoglobulin-like receptor (LIR) family, which is found in a gene cluster at chromosomal region 19q13.4. The encoded protein belongs to the subfamily B class of LIR receptors which contain two or four extracellular immunoglobulin domains, a transmembrane domain, and two to four cytoplasmic immunoreceptor tyrosine-based inhibitory motifs (ITIMs). Several other LIR subfamily B receptors are expressed on immune cells where they bind to MHC class I molecules on antigen-presenting cells and inhibit stimulation of an immune response. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jul 2008]
Function	May act as receptor for class I MHC antigens. [UniProt]
Calculated Mw	64 kDa
Cellular Localization	Membrane; Single-pass type I membrane protein. [UniProt]

## Images



ARG42661 anti-CD85c / LILRB5 antibody WB image

Western blot: 40 µg of THP-1 and 20 µg of MCF7 whole cell lysates stained with ARG42661 anti-CD85c / LILRB5 antibody at 1:500 dilution.