

# Anti-LILRA4 / ILT7 / CD85g Reference Antibody (daxdilimab)

Recombinant Antibody  
Catalog # APR10129

## Product Information

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<b>Application</b>	FC, Kinetics, Animal Model
<b>Primary Accession</b>	<a href="#">P59901</a>
<b>Reactivity</b>	Human
<b>Clonality</b>	Monoclonal
<b>Isotype</b>	IgG1
<b>Calculated MW</b>	55181

## Additional Information

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<b>Target/Specificity</b>	LILRA4 / ILT7 / CD85g
<b>Endotoxin Conjugation</b>	Unconjugated
<b>Expression system</b>	CHO Cell
<b>Format</b>	Purified monoclonal antibody supplied in PBS, pH6.0, without preservative. This antibody is purified through a protein A column.

## Protein Information

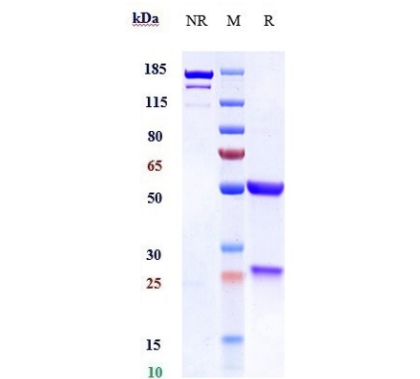
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<b>Name</b>	LILRA4 ( <a href="#">HGNC:15503</a> )
<b>Function</b>	Functions coreceptor to limit the innate immune responses to viral infections; signaling occurs via FCER1G (PubMed: <a href="#">16735691</a> , PubMed: <a href="#">19564354</a> ). Down-regulates the production of IFNA1, IFNA2, IFNA4, IFNB1 and TNF by plasmacytoid dendritic cells that have been exposed to influenza virus or cytidine-phosphate-guanosine (CpG) dinucleotides, indicating it functions as a negative regulator of TLR7 and TLR9 signaling cascades (PubMed: <a href="#">16735691</a> , PubMed: <a href="#">19564354</a> , PubMed: <a href="#">24586760</a> ). Down-regulates interferon production in response to interaction with BST2 on HIV-1 infected cells (PubMed: <a href="#">26172439</a> ). Activates a signaling cascade in complex with FCER1G that results in phosphorylation of Src family and Syk kinases and thereby triggers mobilization of intracellular Ca(2+) (PubMed: <a href="#">16735691</a> , PubMed: <a href="#">19564354</a> ). Does not interfere with the differentiation of plasmacytoid dendritic cells into antigen-presenting cells (PubMed: <a href="#">24586760</a> ).
<b>Cellular Location</b>	Cell membrane; Single-pass type I membrane protein

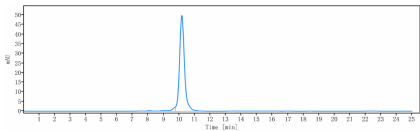
Tissue Location

Detected on plasmacytoid dendritic cells (at protein level). Detected on plasmacytoid dendritic cells, but not on monocytes or B cells.

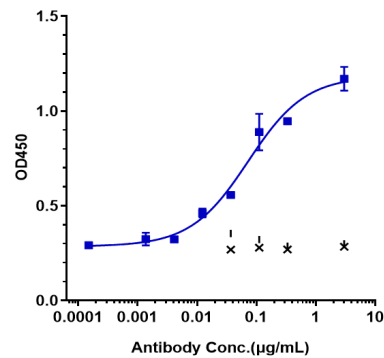
Images



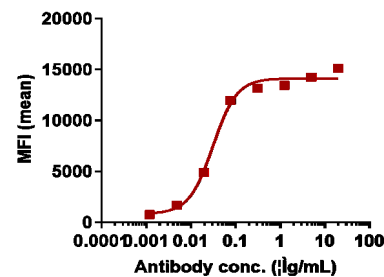
Anti-LILRA4 / ILT7 / CD85g Reference Antibody (daxdilimab) on SDS-PAGE under reducing (R) condition. The gel was stained with Coomassie Blue. The purity of the protein is greater than 95%



The purity of Anti-LILRA4 / ILT7 / CD85g Reference Antibody (daxdilimab) is more than 96.58% ,determined by SEC-HPLC.



Immobilized human ILT7 His at 2 µg/mL can bind Anti-LILRA4 / ILT7 / CD85g Reference Antibody (daxdilimab),EC50=0.07254 µg/mL



Human ILT7 HEK293 cells were stained with Anti-LILRA4 / ILT7 / CD85g Reference Antibody (daxdilimab) and negative control protein respectively, washed and then followed by PE and analyzed with FACS, EC183=0.031 ug/mL

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.