

# Anti-TNFRSF9 / 4-1BB / CD137 Reference Antibody (urelumab)

Recombinant Antibody  
Catalog # APR10237

## Product Information

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<b>Application</b>	FC, Kinetics, Animal Model
<b>Primary Accession</b>	<a href="#">Q07011</a>
<b>Reactivity</b>	Human
<b>Clonality</b>	Monoclonal
<b>Isotype</b>	IgG4
<b>Calculated MW</b>	27899

## Additional Information

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<b>Target/Specificity</b>	TNFRSF9 / 4-1BB / CD137
<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

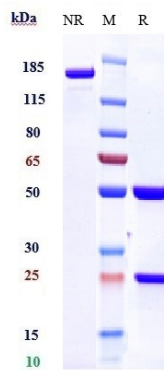
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<b>Name</b>	TNFRSF9
<b>Synonyms</b>	CD137, ILA
<b>Function</b>	Receptor for TNFSF9/4-1BBL. Conveys a signal that enhances CD8(+) T-cell survival, cytotoxicity, and mitochondrial activity, thereby promoting immunity against viruses and tumors (Probable).
<b>Cellular Location</b>	Cell membrane; Single-pass type I membrane protein
<b>Tissue Location</b>	Expressed on the surface of activated T-cells.

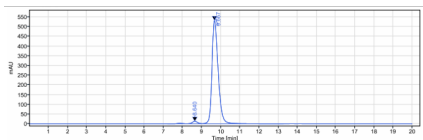
## Images

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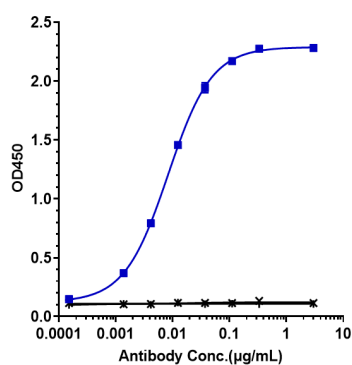
Anti-TNFRSF9 / 4-1BB / CD137 Reference Antibody  
(urelumab) on SDS-PAGE under reducing (R) condition.



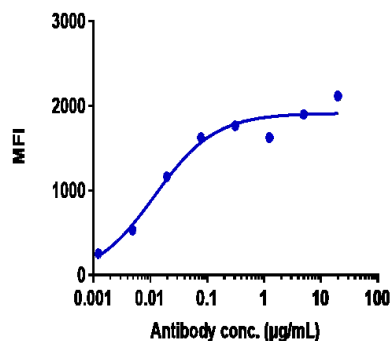
The gel was stained with Coomassie Blue. The purity of the protein is greater than 95%



The purity of Anti-TNFRSF9 / 4-1BB / CD137 Reference Antibody (urelumab) is more than 97.3%, determined by SEC-HPLC.



Immobilized N His HSA TNFSF9/4-1BB at 2 µg/mL can bind Anti-TNFRSF9 / 4-1BB / CD137 Reference Antibody (urelumab),  $EC_{50}=0.008304$  µg/mL



4-1BB-NF-κB-Jurkat cells were stained with Anti-TNFRSF9 / 4-1BB / CD137 Reference Antibody (urelumab) and negative control protein respectively, washed and then followed by PE and analyzed with FACS,  $EC_{50}=0.012$  µg/mL

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