

anti-Human Urelumab Monoclonal Antibody | anti-TNFRSF9 antibody

Research Grade Urelumab

CATALOG # AAA120092	REACTIVITY Human
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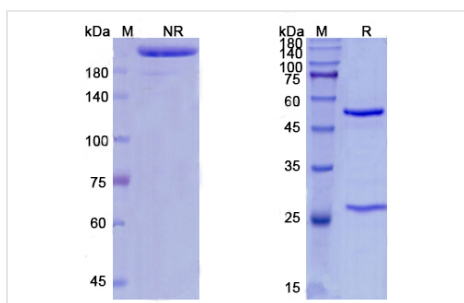
PRODUCT SYNONYMS

Urelumab; Monoclonal Antibody; Research Grade Urelumab; BMS-663513; Tumor necrosis factor receptor superfamily member 9; CD137; 4-1BB ligand receptor; CDw137; TNFRSF9; T-cell antigen ILA; T-cell antigen 4-1BB homolog; ILA; anti-TNFRSF9 antibody

PRODUCT SPECIFICATIONS

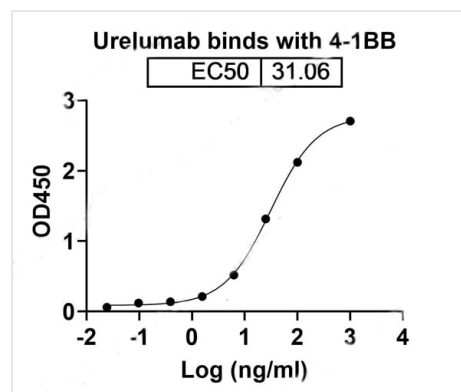
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG4-kappa
Purity/Purification	>95%; Protein A or G purified from cell culture supernatant.
Form/Format	Liquid. PBS buffer, pH7.4
Concentration	1mg/ml (varies by lot)
Host Species	Human
CAS	934823-49-1
Preparation and Storage	Store at +4 degree C short term (1-2 weeks). Store at -20 degree C 12 months. Store at -80 degree C long term. Use a manual defrost freezer and avoid repeated freeze-thaw cycles.

IMAGES



SDS-PAGE

SDS PAGE for Urelumab



Bioactivity

Detects Human CD137/TNFRSF9 in direct ELISAs.

ADDITIONAL INFORMATION

Product Categories/Family for anti-TNFRSF9 antibody	Research Biosimilar
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References	Structure of the 4-1BB/4-1BBL complex and distinct binding and functional properties of utomilumab and urelumab, PMID: 30410017 Results from an Integrated Safety Analysis of Urelumab, an Agonist Anti-CD137 Monoclonal Antibody, PMID: 27756788 Nivolumab and Urelumab Enhance Antitumor Activity of Human T Lymphocytes Engrafted in Rag2-/-IL2R?null Immunodeficient Mice, PMID: 26113085 Immunotherapy targeting 4-1BB: mechanistic rationale, clinical results, and future strategies, PMID: 29118009 Daratumumab in combination with urelumab to potentiate anti-myeloma activity in lymphocyte-deficient mice reconstituted with human NK cells, PMID: 31143521
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NCBI AND UNIPROT INFORMATION

NCBI GI #	5730095
NCBI GeneID	3604
NCBI Accession #	NP_001552.2
NCBI GenBank Nucleotide #	NM_001561.5
UniProt Accession #	Q07011; AAB34924
Molecular Weight	27,899 Da
NCBI Official Full Name	tumor necrosis factor receptor superfamily member 9
NCBI Official Synonym Full Names	tumor necrosis factor receptor superfamily, member 9
NCBI Official Symbol	TNFRSF9
NCBI Official Synonym Symbols	ILA; 4-1BB; CD137; CDw137
NCBI Protein Information	tumor necrosis factor receptor superfamily member 9; CD137 antigen; T cell antigen ILA; T-cell antigen ILA; 4-1BB ligand receptor; homolog of mouse 4-1BB; receptor protein 4-1BB; T-cell antigen 4-1BB homolog; induced by lymphocyte activation (ILA); interl
UniProt Protein Name	Tumor necrosis factor receptor superfamily member 9
UniProt Gene Name	TNFRSF9
UniProt Synonym Gene Names	CD137; ILA
UniProt Entry Name	TNR9_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.