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Datasheet for ABIN7487690

## Recombinant anti-TNFSF13B (Tabalumab Biosimilar) antibody (AA 133-285)

### Overview

Quantity:	200 µg
Target:	TNFSF13B (Tabalumab Biosimilar)
Binding Specificity:	AA 133-285
Reactivity:	Human
Host:	Rabbit
Antibody Type:	Recombinant Antibody
Clonality:	Chimeric
Conjugate:	This TNFSF13B (Tabalumab Biosimilar) antibody is un-conjugated
Application:	ELISA, Western Blotting (WB), Neutralization (Neut), Immunoprecipitation (IP), Immunofluorescence (IF), Functional Studies (Func), Flow Cytometry (FACS)

### Product Details

Immunogen:	Monoclonal antibodies were generated by immunizing human immunoglobulin transgenic mice with soluble human BAFF (amino acids 133-285). Eight mice producing serum antibody titers to human BAFF were injected intravenously with 10 µg human BAFF in phosphate buffered saline. The spleen was harvested 3 days later from each mouse and fused with myeloma cells. 20 Hybridomas were tested for specific binding to human BAFF and to make sure they were expressing human immunoglobulin heavy and light chains by enzyme-linked immunosorbent assay (ELISA). The hybridoma producing the antibody that eventually became tabalumab was a human IgG1 isotype. The antibody was then engineered to a human IgG4 isotype for complete neutralization of BAFF without depletion of BAFF-expressing cells.
Isotype:	IgG kappa

## Product Details

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Specificity:	Tabalumab neutralises soluble and membrane-bound BAFF, inhibiting BAFF binding to BR3, TACI and BCMA.
Cross-Reactivity:	Cynomolgus, Rabbit
Characteristics:	OriginalSpeciesName: Human OriginalFormat: IgG4
Purification:	Purified antibody.

## Target Details

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Target:	TNFSF13B (Tabalumab Biosimilar)
Abstract:	<a href="#">TNFSF13B (Tabalumab Biosimilar) Products</a>
Background:	TNFSF20, B-cell activating factor, Tumor Necrosis Factor Superfamily Member 13b, BAFF, Tumor Necrosis Factor (Ligand) Superfamily, Member 13b, Dendritic Cell-Derived TNF-Like Molecule, TALL-1, TALL1, ZTNF4, BLYS, Tumor Necrosis Factor (Ligand) Superfamily, Member 20, Tumor Necrosis Factor Ligand Superfamily Member 13B, TNF- And APOL-Related Leukocyte Expressed Ligand 1, TNF And ApoL-Related Leukocyte Expressed Ligand 1, Tumor Necrosis Factor-Like Protein ZTNF4, TNF Homolog That Activates Apoptosis, Tumor Necrosis Factor Ligand 7A, ApoL Related Ligand TALL-1, B-Lymphocyte Stimulator, B Lymphocyte Stimulator, CD257 Antigen, Delta4 BAFF, Delta BAFF, TNLG7A, THANK, DTL, LY 2127399, LY2127399
UniProt:	<a href="#">Q9Y275</a>

## Application Details

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Application Notes:	Optimal working dilution should be determined by the investigator.
Comment:	This chimeric rabbit antibody was made using the variable domain sequences of the original Human IgG4 format, for improved compatibility with existing reagents, assays and techniques.
Restrictions:	For Research Use only

## Handling

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Buffer:	PBS with 0.02 % Proclin 300.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be

## Handling

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handled by trained staff only.

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Storage: 4 °C,-20 °C

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Storage Comment: Store at 4°C for up to 3 months. For longer storage, aliquot and store at -20°C.