

Datasheet for ABIN5668147

Recombinant anti-TNF alpha (Infliximab Biosimilar) antibody



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1 Image

Overview

Quantity:	200 µg
Target:	TNF alpha (Infliximab Biosimilar)
Reactivity:	Human
Host:	Human
Antibody Type:	Recombinant Antibody
Clonality:	Monoclonal
Conjugate:	This TNF alpha (Infliximab Biosimilar) antibody is un-conjugated
Application:	Flow Cytometry (FACS), In vivo Studies (in vivo), ELISA

Product Details

Immunogen:	Purified recombinant human TNF (rTNF).
Clone:	CA2
Isotype:	IgG1 kappa
Specificity:	Binds to soluble and transmembrane forms of TNF-alpha and neutralizes its biological activity. Does not bind to TNF-beta.
Characteristics:	OriginalSpeciesName: Human OriginalFormat: IgG1
Purification:	Purified antibody.
Purity:	> 98 % as determined by SDS-PAGE
Endotoxin Level:	Endotoxin is < 1.0 EU/mg as determined by the LAL method

Target Details

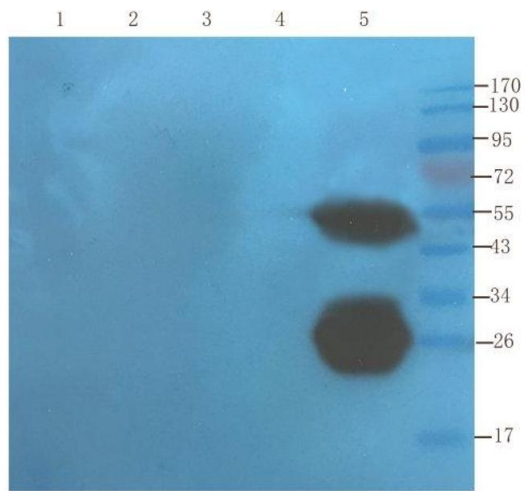
Target:	TNF alpha (Infliximab Biosimilar)
Abstract:	TNF alpha (Infliximab Biosimilar) Products
Target Type:	Biosimilar
Background:	TNF- α , TNF α , TNFSF, Tumor necrosis factor, Cachectin, TNF-alpha, Tumor necrosis factor ligand superfamily member 2, TNF-a, TNF α
UniProt:	P01375

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Comment:	NOT FOR THERAPEUTIC USE - This is a research-grade biosimilar. This is a chimeric antibody created for improved compatibility with existing reagents, assays and techniques.
Restrictions:	For Research Use only

Handling

Buffer:	PBS with 0.02 % Proclin 300.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C, -20 °C
Storage Comment:	Store at 4°C for up to 3 months. For longer storage, aliquot and store at -20°C.



Western Blotting

Image 1. Western Blot using anti-TNF alpha antibody. Mouse liver (lane 1), mouse spinal cord (lane 2), mouse testis (lane 3), mouse colon (lane 4) and human thyroid tumour (lane 5) samples were resolved on a 10% SDS PAGE gel and blots probed with at 1.5 µg/ml before being detected by a secondary antibody. The expected band size (269 kDa) is seen in the human-derived samples, as well as a band corresponding to dimers.