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Datasheet for ABIN7200661

## Recombinant anti-TNF alpha (Infliximab Biosimilar) antibody

### Overview

Quantity:	1 mg
Target:	TNF alpha (Infliximab Biosimilar)
Reactivity:	Human
Host:	Mouse
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)

### Product Details

Purpose:	Infliximab Biosimilar, TNF alpha Monoclonal Antibody
Immunogen:	The monoclonal antibody Infliximab biosimilar was produced in the Infliximab biosimilar CHO stable cell line.
Clone:	CA2
Isotype:	IgG1 kappa
Specificity:	The monoclonal antibody Infliximab biosimilar specifically binds to the human TNF alpha.
Characteristics:	Recombinant Chimeric IgG1 Monoclonal Antibody.
Purification:	Protein A affinity column
Purity:	> 95% by SDS-PAGE under reducing conditions and HPLC.
Sterility:	0.2 µm filtered

## Product Details

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Endotoxin Level: < 1 EU per 1 mg of the protein by the LAL method.

## Target Details

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Target: TNF alpha (Infliximab Biosimilar)

Abstract: [TNF alpha \(Infliximab Biosimilar\) Products](#)

Target Type: Biosimilar

Background: Infliximab, a chimeric anti-TNF- $\alpha$  monoclonal antibody, is used to treat psoriasis, Crohn's disease, ankylosing spondylitis, psoriatic arthritis, rheumatoid arthritis, and ulcerative colitis. Infliximab interferes TNF- $\alpha$  from binding to its receptor in the cell.

Mainly produced by activated macrophages (M1), Tumor necrosis factor (TNF, cachexin, cachectin, tumor necrosis factor alpha, TNF $\alpha$ ) plays important roles in the regulation of autoimmune reaction.

## Application Details

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Application Notes: ELISA, neutralization, functional assays such as bioanalytical PK and ADA assays, and those assays for studying biological pathways affected by Infliximab.

Restrictions: For Research Use only

## Handling

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Format: Liquid

Concentration: 1 mg/mL

Buffer: PBS, pH 7.4, no stabilizers or preservatives.

Preservative: Without preservative

Handling Advice: Use a manual defrost freezer and avoid repeated freeze-thaw cycles.

Storage: -20 °C

Storage Comment: 12 months from date of receipt, -20 to -70°C as supplied. 1 month from date of receipt, 2 to 8°C as supplied.

Expiry Date: 12 months