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Datasheet for ABIN7200653

Recombinant anti-VEGF (Bevacizumab Biosimilar) antibody

Overview

Quantity:	1 mg
Target:	VEGF (Bevacizumab Biosimilar)
Reactivity:	Human
Host:	Mouse
Antibody Type:	Recombinant Antibody
Clonality:	Monoclonal
Conjugate:	This VEGF (Bevacizumab Biosimilar) antibody is un-conjugated
Application:	Flow Cytometry (FACS), In vivo Studies (in vivo)

Product Details

Purpose:	Bevacizumab Biosimilar, Human VEGF Monoclonal Antibody
Immunogen:	The monoclonal antibody Bevacizumab biosimilar was produced in the bevacizumab biosimilar CHO stable cell line.
Isotype:	IgG1 kappa
Specificity:	The monoclonal antibody Bevacizumab biosimilar specifically binds to the human VEGF-A.
Characteristics:	Recombinant Humanized IgG1 Monoclonal Antibody generated from the same parent mouse antibody as ranibizumab.
Purification:	Protein A affinity column
Purity:	> 95% by SDS-PAGE under reducing conditions and HPLC.
Sterility:	0.2 µm filtered

Product Details

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

Target Details

Target: VEGF (Bevacizumab Biosimilar)

Abstract: [VEGF \(Bevacizumab Biosimilar\) Products](#)

Target Type: Biosimilar

Background: Bevacizumab, the humanized anti-VEGF-A monoclonal antibody, produces angiogenesis inhibition and slows the growth of new blood vessels. As the first clinically available angiogenesis inhibitor in the United States, Bevacizumab is used for treatment of certain metastatic cancers, certain lung cancers, renal cancers, ovarian cancers, breast cancers, and glioblastoma multiforme of the brain.

Vascular endothelial growth factor A (VEGF-A) stimulates angiogenesis in a variety of cancers, including colorectal, lung, breast, glioblastoma, kidney, and ovarian cancers.

Application Details

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

Restrictions: For Research Use only

Handling

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