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Datasheet for ABIN7200658

Recombinant anti-ErbB2/Her2 (Pertuzumab Biosimilar) antibody

Overview

Quantity:	1 mg
Target:	ErbB2/Her2 (Pertuzumab Biosimilar)
Reactivity:	Human
Host:	Mouse
Antibody Type:	Recombinant Antibody
Clonality:	Monoclonal
Conjugate:	This ErbB2/Her2 (Pertuzumab Biosimilar) antibody is un-conjugated
Application:	In vivo Studies (in vivo), Flow Cytometry (FACS)

Product Details

Purpose:	Pertuzumab Biosimilar, Human HER2 Monoclonal Antibody
Immunogen:	The monoclonal antibody pertuzumab biosimilar was produced in the pertuzumab biosimilar CHO stable cell line.
Isotype:	IgG1 kappa
Specificity:	The monoclonal antibody pertuzumab biosimilar specifically binds to the human HER2/ErbB-2/c-neu.
Characteristics:	Recombinant humanized 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

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

Target Details

Target: ErbB2/Her2 (Pertuzumab Biosimilar)

Target Type: Biosimilar

Background: Pertuzumab, a humanized monoclonal antibody, inhibits HER dimerization and is used for the treatment of HER2-positive metastatic breast cancer, in combination with trastuzumab and docetaxel. By binding to HER2, Pertuzumab inhibits the dimerization of HER2 with other HER receptors, resulting in slowed tumor growth.

Application Details

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

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