Daratumumab Biosimilar, Anti-human CD38 Antibody | Catalog C030P

Daratumumab Biosimilar, CD38 Monoclonal Antibody. The research grade Daratumumab biosimilar protein is for research use only (RUO). Recombinant human IgG1 isotype controls are available. Condition of sample preparation and optimal sample dilution should be determined experimentally by the investigator.

Product Specifications

Catalog No.	C030P
Product Name	Daratumumab Biosimilar, CD38 Monoclonal Antibody
Supplier Name	Syd Labs, Inc.
Brand Name	Syd Labs
Synonyms	cluster of differentiation 38, cyclic ADP ribose hydrolase, a paralog of CD157, ADPRC1
Summary	Recombinant Humanized IgG1 Monoclonal Antibody.
Source/Host	Produced in the daratumumab biosimilar CHO stable cell line.
Specificity	Specifically binds to human CD38 protein, causing cells to apoptose via ADCC, CDC, etc.

Properties & Storage

Applications	ELISA, neutralization, functional assays such as bioanalytical PK and ADA assays.
Formulation	0.2 μM filtered solution, pH 6.0, no stabilizers or preservatives.
Endotoxin	< 1 EU per 1 mg of the protein by the LAL method.
Purity	>95% by SDS-PAGE under reducing conditions and HPLC.
Shipping	Shipped with ice pack. Store immediately at recommended temperature.
Storage	12 months from receipt at -20 to -70°C; 1 month at 2 to 8°C. Avoid freeze-thaw cycles.

Background & Description

Daratumumab (Anti-Human CD38) is the first-in-class human-specific anti-CD38 monoclonal antibody. Daratumumab has anti-multiple myeloma (MM) effect and impairs MM cell adhesion, increasing MM sensitivity to proteasome inhibition.