

Datasheet for ABIN7608270
anti-IGF1R antibody (Biotin)



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Overview

Quantity:	10 µg
Target:	IGF1R
Reactivity:	Human
Host:	Human, Rabbit
Clonality:	Chimeric
Conjugate:	This IGF1R antibody is conjugated to Biotin
Application:	Flow Cytometry (FACS)

Product Details

Purpose:	Biotinylated Anti-IGF-1R antibody(DMC721), IgG1 Chimeric mAb
Clone:	DMC721
Isotype:	IgG1
Purification:	Purified from cell culture supernatant by affinity chromatography

Target Details

Target:	IGF1R
Alternative Name:	IGF-1R (IGF1R Products)
Background:	This receptor binds insulin-like growth factor with a high affinity. It has tyrosine kinase activity. The insulin-like growth factor I receptor plays a critical role in transformation events. Cleavage of the precursor generates alpha and beta subunits. It is highly overexpressed in most malignant tissues where it functions as an anti-apoptotic agent by enhancing cell survival.

Target Details

Alternatively spliced transcript variants encoding distinct isoforms have been found for this gene. [provided by RefSeq, May 2014]

UniProt: [P08069](#)

Pathways: [RTK Signaling](#), [Regulation of Hormone Metabolic Process](#), [Regulation of Hormone Biosynthetic Process](#), [Autophagy](#)

Application Details

Application Notes: Flow Cyt 1/100

Restrictions: For Research Use only

Handling

Format: Lyophilized

Buffer: Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose is added as protectants before lyophilization.

Storage: -20 °C, -80 °C

Storage Comment: Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing).
Lyophilized proteins are shipped at ambient temperature.

Expiry Date: 12 months