

ARG23193 anti-LTBR / Lymphotoxin beta Receptor antibody [5G11b] (low endotoxin)

Package: 250 µg
Store at: -20°C

Summary

Product Description	Azide free and low endotoxin Rat Monoclonal antibody [5G11b] recognizes LTBR / Lymphotoxin beta Receptor
Tested Reactivity	Ms
Tested Application	FACS, FuncSt
Host	Rat
Clonality	Monoclonal
Clone	5G11b
Isotype	IgG2a
Target Name	LTBR / Lymphotoxin beta Receptor
Species	Mouse
Immunogen	Recombinant extracellular domain of LTBR.
Conjugation	Un-conjugated
Alternate Names	TNF-R-III; LT-BETA-R; Tumor necrosis factor receptor superfamily member 3; TNF-R-III; TNFR-III; TNFR-RP; TNFR3; D12S370; Tumor necrosis factor C receptor; Tumor necrosis factor receptor 2-related protein; TNFCR; Tumor necrosis factor receptor type III; Lymphotoxin-beta receptor; TNFR2-RP; CD18; TNFRSF3

Application Instructions

Application table	Application	Dilution
	FACS	1:50 - 1:100
	FuncSt	Assay-dependent
Application Note	FACS: Use 10 µl of the suggested working dilution to label 10 ⁶ cells in 100 µl. * The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	

Properties

Form	Liquid
Purification	Purification with Protein G.
Purification Note	Low endotoxin
Buffer	PBS.
Concentration	1 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot

and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.

Note For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Gene Symbol	LTBR
Gene Full Name	lymphotoxin beta receptor (TNFR superfamily, member 3)
Background	This gene encodes a member of the tumor necrosis factor receptor superfamily. The major ligands of this receptor include lymphotoxin alpha/beta and tumor necrosis factor ligand superfamily member 14. The encoded protein plays a role in signalling during the development of lymphoid and other organs, lipid metabolism, immune response, and programmed cell death. Activity of this receptor has also been linked to carcinogenesis. Alternatively spliced transcript variants encoding multiple isoforms have been observed. [provided by RefSeq, Aug 2012]
Function	Receptor for the heterotrimeric lymphotoxin containing LTA and LTB, and for TNFS14/LIGHT. Promotes apoptosis via TRAF3 and TRAF5. May play a role in the development of lymphoid organs. [UniProt]
Calculated Mw	47 kDa