

Anti-LILRB2/ILT4/CD85d Antibody (JTX-8064)

Introduction

Polzastobart (JTX-8064) is a humanized IgG4 monoclonal antagonist antibody that selectively binds to LILRB2 and prevents its binding to ligands, classical and non-classical MHC I molecules. Polzastobart enhances the production of pro-inflammatory cytokines in macrophages by blocking the ability of LILRB2 to bind to HLA-A/B and/or HLA-G (cancer cell immune tolerance markers). Polzastobart is a macrophage immune checkpoint inhibitor.

Product parameters

Alternative Names	Polzastobart
Target Accession	Q8N423
Target	LILRB2 / ILT4 / CD85d
CAS number	2640981-19-5
Molecular Weight	145 kDa
Host	CHO
Reactivity	Human
Conjugation	Unconjugated
Form	Liquid
Concentration	See label
Buffer System	100 mM Pro 20 mM Arg pH 5.0. No preservative!
Clonality	Monoclonal
Purification	Protein A
Isotype	IgG4
Application	ELISA, FACS, Kinetics, Functional assay, Animal Model
Biological activity	Immobilized human LILRB2 His at 2 ug/mL can bind Anti-LILRB2/ILT4/CD85d Antibody (JTX-8064), EC50=0.008336 ug/mL.
Endotoxin	Less than 0.1 EU/ug determined by LAL method.
Sterilization	0.2 µM filtered
Reconstitution	For reconstitution, we recommend adding sterile, distilled water to achieve a final antibody concentration. Gently shake it to solubilize the protein completely. Do not vortex.
Shipping	Dry ice
Storage	-80°C
Expiration Date	2 years

Note

1. This product is for scientific research use only.



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