

Anti-CSF2Ra/GM-CSFRa/CD116 Antibody (Mavrilimumab)

Introduction

Mavrilimumab (CAM 3001) is a monoclonal antibody that binds to the alpha subunit of the granulocyte-macrophage colony-stimulating factor (GM-CSF) receptor and blocks intracellular signaling downstream of GM-CSF. GM-CSF may be a mediator of the overactive inflammatory response associated with respiratory failure and death.

Product parameters

Alternative Names	CAM-3001, KPL-301
Target Accession	P15509
Target	CSF2Ra / GM-CSFRa / CD116
CAS number	1085337-57-0
Molecular Weight	143.2 kDa
Host	CHO
Reactivity	Human, Cynomolgus
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 CD116 His at 2 ug/mL can bind Anti-CSF2Ra/GM-CSFRa/CD116 Antibody (Mavrilimumab), EC50=0.01299 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	Please avoid freeze-thaw cycles.

■ Note

1. This product is for scientific research use only.



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