

Anti-Integrin $\alpha 5 \beta 1$ (ITGA5 & ITGB1) Antibody (Volociximab)

Introduction

Volociximab (M200) is a human/mouse chimeric IgG4 monoclonal antibody IIA1 that targets integrin $\alpha 5 \beta 1$ (EC₅₀=0.2 nM). Integrin $\alpha 5 \beta 1$ is the major fibronectin receptor involved in angiogenesis. Volociximab has anti-angiogenic and anti-tumor activities and inhibits the proliferation of human umbilical vein endothelial cells (HUVEC).

Product parameters

Alternative Names	M200
Target Accession	P08648 & P05556
Target	Integrin $\alpha 5 \beta 1$ (ITGA5 & ITGB1)
CAS number	558480-40-3
Molecular Weight	145.4 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	IgG4SP
Application	ELISA, FACS, Kinetics, Functional assay, Animal Model
Biological activity	-
Endotoxin	Less than 0.1 EU/ug determined by LAL method.
Sterilization	0.2 μ M 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.



APExBIO Technology

www.apexbt.com

7505 Fannin street, Suite 410, Houston, TX 77054.

Tel: +1-832-696-8203 | Fax: +1-832-641-3177 | Email: info@apexbt.com

