
Product Datasheet

alpha 5 beta 1 Integrin antibody (orb348884)

Description

Rabbit monoclonal antibody to alpha 5

Species/Host	Human
Reactivity	Human
Conjugation	Unconjugated
Tested Applications	Blocking, ELISA, FC, IF, IHC
Immunogen	Heterodimeric $\alpha 5\beta 1$ Fc fusion protein
Target	alpha 5 beta 1 Integrin
Preservatives	PBS with 0.02% Proclin 300.
Concentration	1 mg/ml
Storage	Store at 4°C for up to 3 months. For longer storage, aliquot and store at -20°C.
Note	For research use only
Application notes	The antibody binds specifically to $\alpha 5\beta 1$ integrin, which is part of the superfamily of glycoprotein transmembrane receptors for ligands such as fibronectin, vitronectin, laminins and collagens. The $\alpha 5\beta 1$ integrin receptor plays a key role in cellular processes such as inflammation, cell proliferation, angiogenesis and tumour metastasis. Comprising the variable domain of the original mouse antibody, a chimeric mouse:human IgG4 version of this antibody has been tested in vivo: In cynomolgus monkeys with laser-induced choroidal neovascularization (CNV), in rabbit models and in human volunteers. The antibody reached Phase II clinical trials with PDL Biopharma and Biogen-Idec.
Isotype	IgG
Clonality	Monoclonal
Purity	Purified
Uniprot ID	P08648
Expiration Date	12 months from date of receipt.