
Product Datasheet

alpha 5 beta 1 Integrin antibody (orb610778)

Description

Recombinant 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

IgG4

Clonality

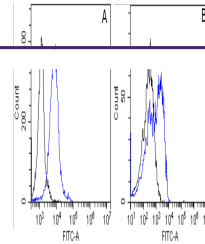
Monoclonal

Purity

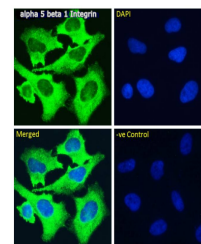
Purified

Uniprot ID
P08648
Expiration Date

12 months from date of receipt.



Flow cytometric analysis of PBMC's (A)...



Immunofluorescence staining of fixed HeLa...