
Product Datasheet

Ly6G antibody (orb758800)

Description

Rat monoclonal antibody to Ly6G

Species/Host

Rat

Reactivity

Mouse

Conjugation

Unconjugated

Tested

FC, IHC, WB

Applications
Immunogen

This antibody was raised in Lou-M rats using a popliteal lymph node immunisation and fusion protocol as described by Martiniello et al (1994)

Target

Ly6G/Ly6C

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

This antibody has been used in FACS analyses, immunoprecipitation, immunoblotting, and immunohistochemistry in various studies, such as to elucidate the origin and roles of macrophages in the post-myocardial infarction remodelling (Sager et al, 2016), to investigate the pathogenesis of primary biliary cirrhosis (Yang et al, 2016), to confirm the phenotypic dynamics of microglial and monocyte-derived cells in glioblastoma-bearing mice (Ricard et al, 2016), and to highlight an important ageing-related defect in the mucosal immune system's ability to sample luminal antigens (Kobayashi et al, 2013). This antibody has also been used in vivo, for example, to deplete Treg cells when delineating the paralleled developments of inflammation and immunosuppression in tumor microenvironment (Yang et al, 2010), or to deplete neutrophils when underpinning a causal role for neutrophils in severe asthma (Wilson et al, 2009).

Isotype

IgG2a

Clonality

Monoclonal

Purity

Purified

Uniprot ID
P35461