

## Product Datasheet

### Ly6G antibody (orb758799)

**Description**

Rabbit 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**

1mg/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 lumenal 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**

IgG

**Clonality**

Monoclonal

**Purity**

Purified

**UniProt ID**

P35461

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