

PRODUCT DATA SHEET

Bioworld Technology CO., Ltd.



IgG1 (Q245) Peptide

Cat No.: BS3451P

Background

IgG is a monomeric immunoglobulin composed of two heavy chains and two light chains. There are four subclasses of the IgG: IgG1, IgG2, IgG3 and IgG4. Each molecule has two antigen binding sites. IgG is the most abundant immunoglobulin as well as the only isotype that can pass through the placenta, thereby providing protection to the fetus in its first weeks of life before, its own immune system has developed. IgG can bind to several different kinds of pathogens, for example viruses, bacteria and fungi, and it protects the body against them by complement activation (the classic pathway), opsonization for phagocytosis and neutralization of their toxins.

Swiss-Prot

P01857

Applications

Blocking

Specificity

This peptide can be used with studies using BS3451 IgG1 (Q245) pAb.

Purification & Purity

Synthetic peptide IgG1 (Q245). (Note: the amino acid sequence is proprietary). The purity is > 98%.

Product

1 mg/ml in DI water.

Storage & Stability

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

Research Use

For research use only, not for use in diagnostic procedure.