IGHG1 (Q245) polyclonal antibody

Catalog: BS3451 Host: Rabbit Reactivity: Human,Mouse,Rat

BackGround:

IgG is a monomeric immunoglobulin composed of two heavy chains and two light chains. There are 4 subclasses of the IgG: IgG-1, IgG-2, IgG-3 and IgG-4. 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.

Product:

1 mg/ml in Phosphate buffered saline (PBS) with 0.05% sodium azide, approx. pH 7.2.

Molecular Weight:

~ 38 kDa

Swiss-Prot:

P01857

Purification&Purity:

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

Applications:

WB: 1:500~1:1000

IHC: 1:50~1:200

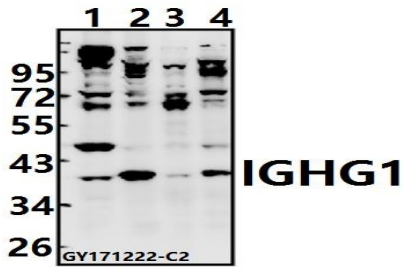
Storage&Stability:

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

Specificity:

IGHG1 (Q245) polyclonal antibody detects endogenous levels of Ig gamma-1 chain C region protein.

DATA:



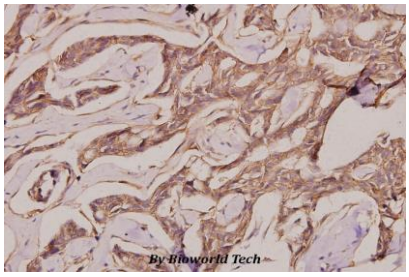
Western blot (WB) analysis of IGHG1 (Q245) pAb at 1:500 dilution

Lane1:AML-12 whole cell lysate(40ug)

Lane2:C6 whole cell lysate(40ug)

Lane3:HEK293T whole cell lysate(40ug)

Lane4:Hela whole cell lysate(40ug)



Immunohistochemistry (IHC) analyzes of IGHG1 (Q245) pAb in paraffin-embedded human breast carcinoma tissue at 1:100.

Note:

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

Bioworld Technology, Inc.
Add: 1660 South Highway 100, Suite 500 St. Louis Park, MN 55416,USA.
Email: info@bioworlde.com
Tel: 6123263284
Fax: 6122933841

Bioworld technology, co. Ltd.
Add: No 9, weidi road Qixia District Nanjing, 210046, P. R. China.
Email: info@biogot.com
Tel: 0086-025-68037686
Fax: 0086-025-68035151