

GNA13 monoclonal antibody

Catalog: MB10948

Host: Rabbit

Reactivity: Human

BackGround:

Guanine nucleotide-binding proteins (G proteins) are involved as modulators or transducers in various transmembrane signaling systems (PubMed:15240885, PubMed:16787920, PubMed:16705036, PubMed:27084452). Activates effector molecule RhoA by binding and activating RhoGEFs (ARHGEF1/p115RhoGEF, ARHGEF11/PDZ-RhoGEF and ARHGEF12/LARG) (PubMed:15240885, PubMed:12515866). GNA13-dependent Rho signaling subsequently regulates transcription factor AP-1 (activating protein-1). Promotes tumor cell invasion and metastasis by activating RhoA/ROCK signaling pathway (PubMed:16787920, PubMed:16705036, PubMed:27084452). Inhibits CDH1-mediated cell adhesion in process independent from Rho activation (PubMed:11976333).

Product:

50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA

Molecular Weight:

Calculated MW: 44 kDa; Observed MW: 44 kDa

Swiss-Prot:

Q14344

Purification&Purity:

Affinity Purified

Applications:

WB: 1/500-1/1000 IHC: 1/50-1/100

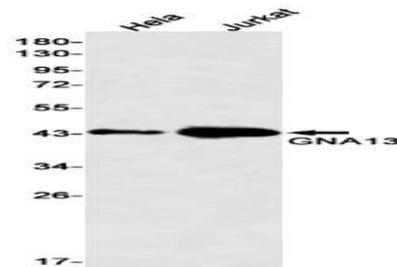
Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long

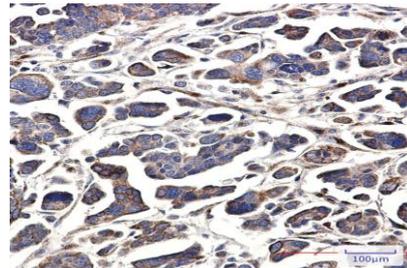
term. Avoid freeze-thaw cycles.

Isotype:

IgG

DATA:

Western blot analysis of GNA13 [KO Validated] in HeLa, Jurkat lysates using GNA13 antibody.



Immunohistochemistry analysis of paraffin-embedded Human Cholangiocarcinoma using G protein alpha 13 antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.

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@bioworld.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