

Cytokeratin 18 (phospho-S52) polyclonal antibody

Catalog: BS4588

Host: Rabbit

Reactivity: Human

BackGround:

Keratins (cytokeratins) are intermediate filament proteins that are mainly expressed in epithelial cells. Keratin heterodimers composed of an acidic keratin (or type I keratin, keratins 9 to 23) and a basic keratin (or type II keratin, keratins 1 to 8) assemble to form filaments. Keratin isoforms demonstrate tissue and differentiation-specific profiles that make them useful as research biomarkers. Research studies have shown that mutations in keratin genes are associated with skin disorders, liver and pancreatic diseases, and inflammatory intestinal diseases.

Product:

Rabbit IgG, 1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2

Molecular Weight:

~ 46 kDa

Swiss-Prot:

P05783

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

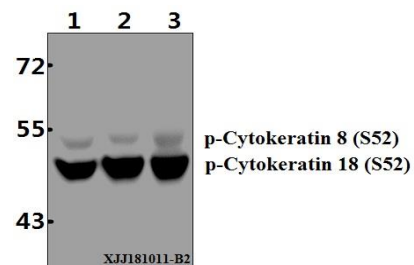
Storage&Stability:

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

Specificity:

p-Cytokeratin 18 (S52) polyclonal antibody detects endogenous levels of Cytokeratin 18 protein only when phosphorylated at Ser52.

DATA:



Western blot (WB) analysis of p-Cytokeratin 18 (S52) polyclonal antibody at 1:500 dilution

Lane1:HepG2 whole cell lysate(40 µg)

Lane2:L02 whole cell lysate(40 µg)

Lane3:A549 whole cell lysate(40 µg)

Note:

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

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