

Cytokeratin 20 (D409) polyclonal antibody

Catalog: BS1207

Host: Rabbit

Reactivity: Human, Mouse, Rat

BackGround:

Cytokeratins play a critical role in differentiation and tissue specialization and function to maintain the overall structural integrity of epi-thelial cells. The α -helical coiled-coil dimers associate laterally end-to-end to form 10 nm diameter filaments. Cytokeratins are useful markers of tissue differentiation, and in addition, they aid in the characterization of malignant tumors. Cytokeratin 20 is abundantly expressed in goblet cells and enterocytes of the gastrointestinal tract, and Cytokeratin 20 is a useful marker of pancreatic and colorectal cancer. Cytokeratin 20 is also helpful in distinguishing different types of highly related carcinomas, such as renal oncocytomas from renal cell carcinomas.

Product:

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

Molecular Weight:

~ 48 kDa

Swiss-Prot:

P35900

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

IF: 1:50~1:200

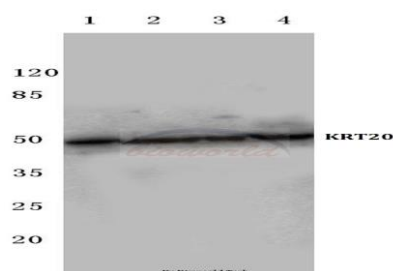
Storage&Stability:

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

Specificity:

Cytokeratin 20 (D409) polyclonal antibody detects endogenous levels of Cytokeratin 20 protein.

DATA:



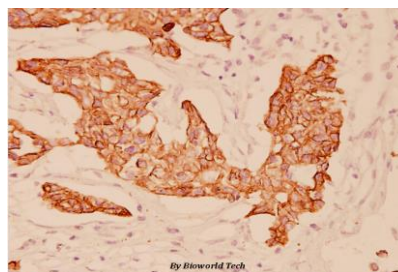
Western blot (WB) analysis of Cytokeratin 20 (D409) polyclonal antibody at 1:500 dilution

Lane1:A549 cell lysate

Lane2:SP2/0 cell lysate

Lane3:Rat kidney tissue lysate

Lane4:Mouse kidney tissue lysate



Immunohistochemistry (IHC) analyzes of Cytokeratin 20 (D409) pAb in paraffin-embedded human breast carcinoma tissue at 1:100.

Note:

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

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