

## Cytokeratin 10 polyclonal antibody

Catalog: BS90374

Host: Rabbit

Reactivity: Human, Mouse, Rat

### BackGround:

Cytokeratins comprise a diverse group of intermediate filament proteins (IFPs) that are expressed as pairs in both keratinized and non-keratinized epithelial tissue. Cytokeratins play a critical role in differentiation and tissue specialization and function to maintain the overall structural integrity of epithelial cells. Cytokeratins have been found to be useful markers of tissue differentiation which is directly applicable to the characterization of malignant tumors. Cytokeratins 10 and 13 are present in the cytoskeletal region of a subset of squamous cell carcinomas. Cytokeratin 10 is a heterotetramer of two type I and two type II keratins, is generally associated with keratin 1, and is seen in all suprabasal cell layers including stratum corneum.

### Product:

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

### Molecular Weight:

60 kDa

### Swiss-Prot:

P13645(Human) P02535(Mouse) Q6IFW6(Rat)

### Purification&Purity:

ProA affinity purified

### Applications:

WB:1:1,000-1:5,000

ICC:1:50-1:200

IHC:1:50-1:200

### Storage&Stability:

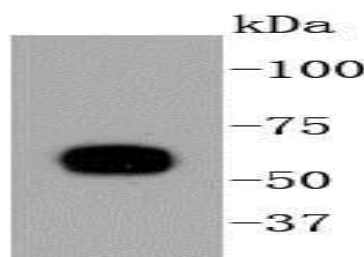
Store at +4 °C after thawing. Aliquot store at -20 °C or

-80 °C. Avoid repeated freeze / thaw cycles.

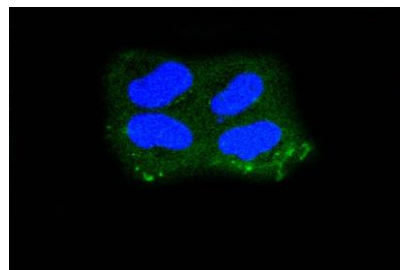
### Specificity:

Cytokeratin 10 polyclonal antibody detects endogenous levels of Cytokeratin 10 protein.

### DATA:



Western blot analysis of Cytokeratin 10 on HeLa cell lysates using anti-Cytokeratin 10 antibody at 1/1,000 dilution.



ICC staining Cytokeratin 10 in HeLa cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilized with 0.25% Triton X100/PBS.

### Note:

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

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