

Cytokeratin 19 Recombinant antibody

Cat:B32014R
Company: Haokebio

Uniprot ID:P08727

Applications: IHC:1:100-1:200

Organism:Rabbit

IHC-Polymer:1:400-1:800

Species reactivity:Human

TSA:1:500-1:1000

Background:

Cytokeratin 19 is the smallest among all keratins. Its uniqueness lies in the extensive lack of the non-helical tail domain that is typically present in all other keratins. It may have evolved from keratinocyte keratin. Cytokeratin 19 is expressed in most simple epithelia (which do not contain parenchymal cells such as hepatocytes, pancreatic acinar cells, and renal proximal tubular cells), and is particularly highly expressed in various types of ductal epithelia, small and large intestinal epithelia, gastric foveolar epithelium, and mesothelium. Furthermore, it is present in most cells of pseudostratified epithelia and urothelium, as well as in the basal cells of non-keratinized stratified squamous epithelia. In cancer tissues, Cytokeratin 19 is widely present in both adenocarcinomas and squamous cell carcinomas, and thus has not been widely used as an immunohistochemical marker for distinguishing cancer subtypes. Cytokeratin 19 is not expressed in most hepatocytes; therefore, it is useful for the identification of liver metastases and can be used in detection panels together with hepatocyte-specific antigens.

Protein full name:

keratin 19

Synonyms:

CK 19, CK19, KRT19, CK-19, Cytokeratin, Keratin

Immunogen:

Peptide

Isotype:

IgG

Subcellular location:

Cytoplasm

Purity:

Affinity purification

Form:

Liquid

Storage Buffer:

PBS with 0.02% sodium azide, 100 µg/ml BSA and 50% glycerol.

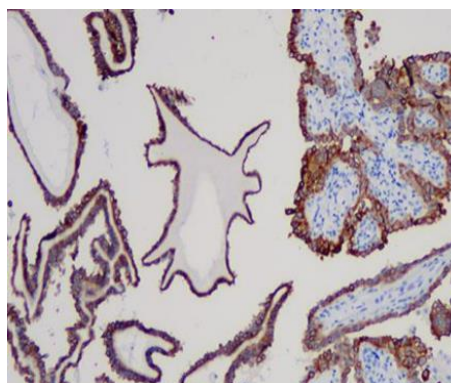
Storage:

Store at -20 °C for one year.

Experimental procedure:

Antigen retrieval: Citrate buffer (pH 9.0), Medium high heat for 8 minutes, stop for 7 minutes, medium high heat for 8 minutes. Incubate antibody, 4°C overnight. Secondary antibody: Poly-HRP Goat Anti-Rabbit & Mouse Universal Secondary Antibody, RT, 1h.

Images:



Sample: Human thyroid cancer tissue, 4% PFA 12-24h

Source of Reagents:

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