KRT19 Monoclonal Antibody

catalog number: **AN200159P**

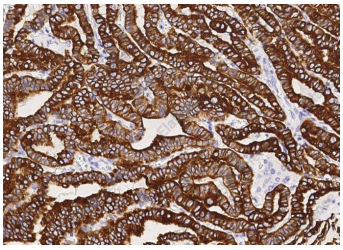
Note: *Centrifuge before opening to ensure complete recovery of vial contents.*

Description

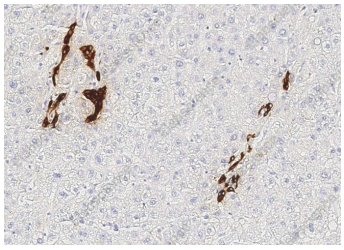
Reactivity	Human
Immunogen	A synthetic peptide corresponding to the center region of the Human KRT19
Host	Mouse
Isotype	Mouse IgG3
Clone	A1011
Purification	Protein A affinity purification
Conjugation	Unconjugated
Buffer	0.2 μm filtered solution in PBS.

Applications	Recommended Dilution
IHC-P	1:250-1:1000

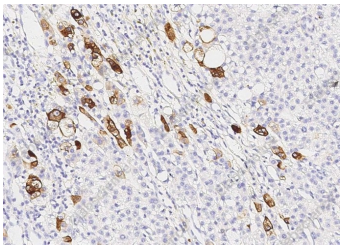
Data



Immunohistochemistry of paraffin-embedded human thyroid cancer using KRT19 Monoclonal Antibody at dilution of 1:500.



Immunohistochemistry of paraffin-embedded human liver using KRT19 Monoclonal Antibody at dilution of 1:500.



Immunohistochemistry of paraffin-embedded human hepatoma using KRT19 Monoclonal Antibody at dilution of 1:500.

Preparation & Storage

Storage	This antibody can be stored at 2°C-8°C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20°C to -80°C. Preservative-Free. Avoid repeated freeze-thaw cycles.
Shipping	Ice bag

Background

Toll-free: 1-888-852-8623
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Email: techsupport@elabscience.com

Cytokeratin 19 is part of a subfamily of intermediate filament proteins and are characterized by a remarkable biochemical diversity, represented inHumanepithelial tissues by at least 20 different polypeptides. Cytokeratins range in molecular weight from 40-68 kDa and isoelectric pH between 4.9-7.8. The individualHumancytokeratins are numbered 1 to 20. The various epithelia in theHumanbody usually express cytokeratins which are not only characteristic of the type of epithelium, but also related to the degree of maturation or differentiation within an epithelium. Cytokeratin subtype expression patterns are used to an increasing extent in the distinction of different types of epithelial malignancies. The cytokeratin antibodies are not only of assistance in the differential diagnosis of tumors using immunohistochemistry on tissue sections, but are also a useful tool in cytopathology and flow cytometric assays. For example, cytokeratin 19 is not expressed in hepatocytes, therefore, it is useful in the identification of liver metastasis.

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