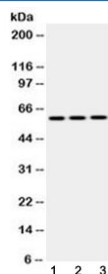


Cytokeratin 14 Antibody (R32606)

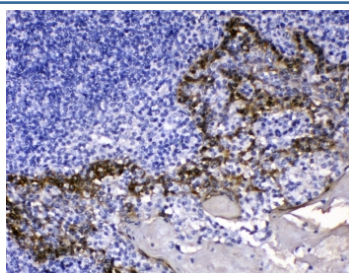
Catalog No.	Formulation	Size
R32606	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

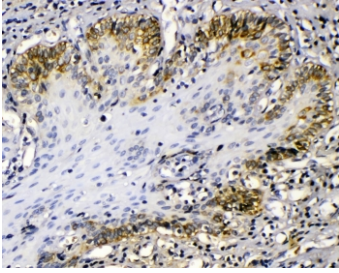
Availability	1-3 business days
Species Reactivity	Human, Mouse, Rat
Format	Antigen affinity purified
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Antigen affinity
Buffer	Lyophilized from 1X PBS with 2.5% BSA and 0.025% sodium azide
UniProt	P02533
Localization	Cytoplasmic, nuclear
Applications	Western Blot : 0.5-1ug/ml Immunohistochemistry (FFPE) : 1-2ug/ml Flow Cytometry : 1-3ug/10 ⁶ cells
Limitations	This Cytokeratin 14 antibody is available for research use only.



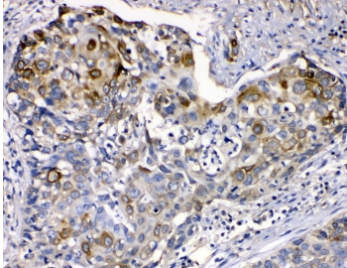
Western blot testing of 1) rat brain, 2) mouse NIH3T3 and 3) human HepG2 lysate with Cytokeratin 14 antibody at 0.5ug/ml. Predicted molecular weight ~53 kDa.



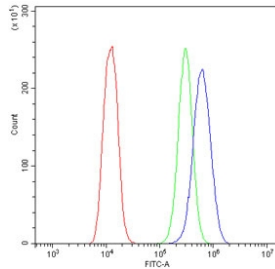
IHC testing of FFPE human tonsil tissue with Cytokeratin 14 antibody at 1ug/ml. HIER: steam section in pH6 citrate buffer for 20 min.



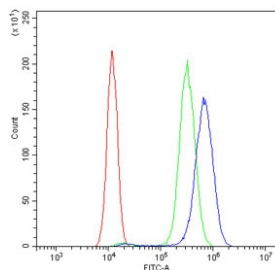
IHC testing of FFPE human esophageal squamous cancer with Cytokeratin 14 antibody at 1ug/ml. HIER: steam section in pH6 citrate buffer for 20 min.



IHC testing of FFPE human esophageal squamous cancer with Cytokeratin 14 antibody at 1ug/ml. HIER: steam section in pH6 citrate buffer for 20 min.



Flow cytometry testing of human U-2 OS cells with Cytokeratin 14 antibody at 1ug/10⁶ cells (blocked with goat sera); Red=cells alone, Green=isotype control, Blue= Cytokeratin 14 antibody.



Flow cytometry testing of human SiHa cells with Cytokeratin 14 antibody at 1ug/10⁶ cells (blocked with goat sera); Red=cells alone, Green=isotype control, Blue= Cytokeratin 14 antibody.

Description

Cytokeratin 14, also known as cytokeratin-14 (CK-14) or keratin-14 (KRT14), is a member of the type I keratin family of intermediate filament proteins. In humans it is encoded by the KRT14 gene. This gene product, a type I keratin, is usually found as a heterotetramer with two keratin 5 molecules, a type II keratin. Mutations in the genes for these keratins are associated with epidermolysis bullosa simplex. At least one pseudogene has been identified at 17p12-p11.

Application Notes

Optimal dilution of the Cytokeratin 14 antibody should be determined by the researcher.

Immunogen

Amino acids 446-472 (RQIRTKVMDVHDGKVVSTHEQVLRTKN-human) were used as the immunogen for the Cytokeratin 14 antibody.

Storage

After reconstitution, the Cytokeratin 14 antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.

