

CK-6A/B/C Monoclonal Antibody

Catalog No. E-AB-22038

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

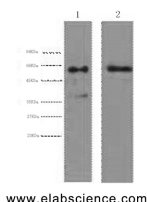
Description

Reactivity	Human
Immunogen	Synthetic Peptide
Host	Mouse
Isotype	IgG
Clone	Clone:3B6
Purification	Protein A purification
Conjugation	Unconjugated
Buffer	PBS with 0.02% sodium azide and 50% glycerol pH 7.4.

Applications Recommended Dilution

WB	1:500-1:2000
IHC	1:50-300
IF	1:100-1:300

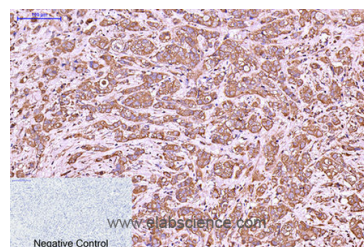
Data



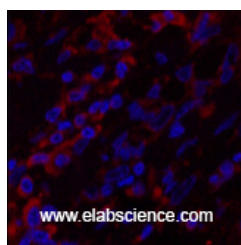
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Western Blot analysis of 1) Hela, 2) HepG2 cells using CK-6A/B/C Monoclonal Antibody at dilution of 1:2000.

Observed Mw:56-60kDa
Calculated Mw:60kDa



Immunohistochemistry of paraffin-embedded Human breast cancer tissue using CK-6A/B/C Monoclonal Antibody at dilution of 1:200.



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Immunofluorescence analysis of Human breast cancer tissue using CK-6A/B/C Monoclonal Antibody at dilution of 1:200.

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Toll-free: 1-888-852-8623
Web: www.elabscience.com

Tel: 1-832-243-6086
Email: techsupport@elabscience.com

Fax: 1-832-243-6017

Preparation & Storage

Storage Store at -20°C. Avoid freeze / thaw cycles.

Background

The protein encoded by this gene is a member of the keratin gene family. The type II cytokeratins consist of basic or neutral proteins which are arranged in pairs of heterotypic keratin chains coexpressed during differentiation of simple and stratified epithelial tissues. As many as six of this type II cytokeratin (KRT6) have been identified; the multiplicity of the genes is attributed to successive gene duplication events. The genes are expressed with family members KRT16 and/or KRT17 in the filiform papillae of the tongue, the stratified epithelial lining of oral mucosa and esophagus, the outer root sheath of hair follicles, and the glandular epithelia. This KRT6 gene in particular encodes the most abundant isoform. Mutations in these genes have been associated with pachyonychia congenita. The type II cytokeratins are clustered in a region of chromosome 12q12-q13.

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