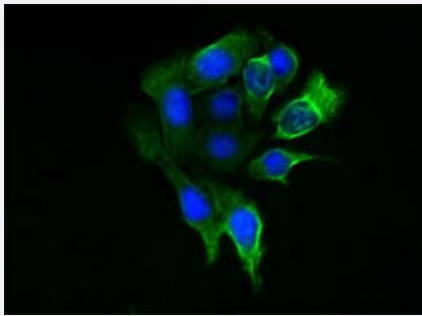


KRT8 monoclonal antibody, clone SB37b

Catalog # MAB5629

Size 100 ug

Applications



Immunofluorescence

Cell Cytospin of the HCC38 breast carcinoma cell line was incubated with KRT8 monoclonal antibody, clone SB37b (Cat # MAB5629). Positive cells were viewed by fluorescence microscopy.

Specification

Product Description Mouse monoclonal antibody raised against partial recombinant KRT8.

Immunogen Recombinant protein corresponding to C-terminus of human KRT8.

Host Mouse

Reactivity Human

Specificity Cytokeratin 8.

Form Liquid

Isotype IgG2a

Recommend Usage Immunohistochemistry (10 ug/mL)
Western Blot (1-2 ug/mL)
The optimal working dilution should be determined by the end user.

Storage Buffer In 100 mM BBS, pH 8.2

Storage Instruction Store at 4°C.

Applications

- Western Blot
 - Immunohistochemistry (Frozen sections)
 - Immunofluorescence
- Cell Cytospin of the HCC38 breast carcinoma cell line was incubated with KRT8 monoclonal antibody, clone SB37b (Cat # MAB5629). Positive cells were viewed by fluorescence microscopy.
- Enzyme-linked Immunoabsorbent Assay

Gene Info — KRT8

Entrez GeneID	3856
Gene Name	KRT8
Gene Alias	CARD2, CK8, CYK8, K2C8, K8, KO
Gene Description	keratin 8
Omim ID	148060 215600
Gene Ontology	Hyperlink
Gene Summary	This gene is a member of the type II keratin family clustered on the long arm of chromosome 12. Type I and type II keratins heteropolymerize to form intermediate-sized filaments in the cytoplasm of epithelial cells. The product of this gene typically dimerizes with keratin 18 to form an intermediate filament in simple single-layered epithelial cells. This protein plays a role in maintaining cellular structural integrity and also functions in signal transduction and cellular differentiation. Mutations in this gene cause cryptogenic cirrhosis. [provided by RefSeq]
Other Designations	cytokeratin 8 keratin, type II cytoskeletal 8

Publication Reference

- [The cDNA sequence of a Type II cytoskeletal keratin reveals constant and variable structural domains among keratins.](#)
Hanukoglu I, Fuchs E.
cell 1983 Jul; 33(3):915.

- [Correlation of specific keratins with different types of epithelial differentiation: monoclonal antibody studies.](#)

S C Tseng, M J Jarvinen, W G Nelson, J W Huang, J Woodcock-Mitchell, T T Sun.

Cell 1982 Sep; 30(2):361.

- [A subfamily of relatively large and basic cytokeratin polypeptides as defined by peptide mapping is represented by one or several polypeptides in epithelial cells.](#)

Schiller DL, Franke WW, Geiger B.

The EMBO Journal 1982 Jan; 1(6):761.

Disease

- [Alzheimer disease](#)
- [Cerebral Amyloid Angiopathy](#)
- [Chronic Disease](#)
- [Disease Progression](#)
- [Drug-Induced Liver Injury](#)
- [Genetic Predisposition to Disease](#)
- [Hepatitis C](#)
- [Inflammatory Bowel Diseases](#)
- [Liver Cirrhosis](#)
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