

Datasheet

KRT18 monoclonal antibody, clone SB38b

Catalog Number: MAB5630

Regulation Status: For research use only (RUO)

Product Description: Mouse monoclonal antibody raised against partial recombinant KRT18.

Clone Name: SB38b

Immunogen: Recombinant protein corresponding to N-terminus of human KRT18.

Host: Mouse

Reactivity: Human

Applications: ELISA, IF, IHC-Fr, WB
(See our web site product page for detailed applications information)

Protocols: See our web site at
<http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

Specificity: Cytokeratin 18.

Form: Liquid

Isotype: IgG2b

Recommend Usage: ELISA (1:5000-1:20000)
Immunohistochemistry (10 ug/mL)
Western Blot (1:2000-1:4000)
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.

Entrez GeneID: 3875

Gene Symbol: KRT18

Gene Alias: CYK18, K18

Gene Summary: KRT18 encodes the type I

intermediate filament chain keratin 18. Keratin 18, together with its filament partner keratin 8, are perhaps the most commonly found members of the intermediate filament gene family. They are expressed in single layer epithelial tissues of the body. Mutations in this gene have been linked to cryptogenic cirrhosis. Two transcript variants encoding the same protein have been found for this gene. [provided by RefSeq]

References:

1. Keratin 8 and 18 mutations are risk factors for developing liver disease of multiple etiologies. Ku NO, Darling JM, Krams SM, Esquivel CO, Keeffe EB, Sibley RK, Lee YM, Wright TL, Omary MB. Proc Natl Acad Sci U S A. 2003 May 13;100(10):6063-8. Epub 2003 Apr 30.
2. Complete structure of the gene for human keratin 18. Kulesh DA, Oshima RG. Genomics. 1989 Apr;4(3):339-47.
3. Molecular and cellular biology of intermediate filaments. Steinert PM, Roop DR. Annu Rev Biochem. 1988;57:593-625.