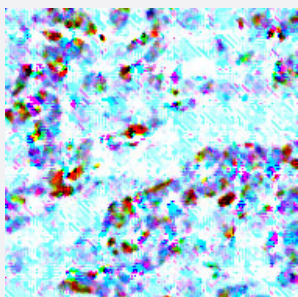


KRT18 monoclonal antibody, clone SPM265

Catalog # MAB2540

Size 100 ug

Applications



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining of human breast cancer stained with KRT18 monoclonal antibody, clone SPM265 (Cat # MAB2540) at 1 : 200 for 10 min at RT. Staining of formalin-fixed tissue requires boiling tissue sections in 10 mM Citrate Buffer, pH 6.0 for 10 min followed by colling at RT for 20 min.

Specification

Product Description Mouse monoclonal antibody raised against native KRT18.

Immunogen Native KRT18 from human breast cancer PMC 42 cells.

Host Mouse

Reactivity Human

Specificity This antibody recognizes human KRT18,

Form Liquid

Quality Control Testing Antibody Reactive Against Native Purified Protein.

Recommend Usage Western Blot (0.1-1 ug/mL)
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) (1:50: 2-5 ug/mL)
The optimal working dilution should be determined by the end user.

Storage Buffer In TBS, pH 7.2 (BSA, 10% Proclin300)

Storage Instruction Store at -20°C. For long term storage store at -80°C.
Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot
- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining of human breast cancer stained with KRT18 monoclonal antibody, clone SPM265 (Cat # MAB2540) at 1 : 200 for 10 min at RT. Staining of formalin-fixed tissue requires boiling tissue sections in 10 mM Citrate Buffer, pH 6.0 for 10 min followed by colling at RT for 20 min.

- Immunofluorescence

Gene Info — KRT18

Entrez GeneID	3875
Gene Name	KRT18
Gene Alias	CYK18, K18
Gene Description	keratin 18
Omim ID	148070 215600
Gene Ontology	Hyperlink
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]
Other Designations	cell proliferation-inducing protein 46 cytokeratin 18

Pathway

- [Pathogenic Escherichia coli infection - EHEC](#)

Disease

- [Cleft Lip](#)
- [Cleft Palate](#)

- [Drug-Induced Liver Injury](#)
- [Genetic Predisposition to Disease](#)
- [Liver Cirrhosis](#)
- [Liver Failure](#)