

Keratin 18 Antibody
Purified Mouse Monoclonal Antibody (Mab)
Catalog # AP52707

Specification

Keratin 18 Antibody - Product Information

Application	WB, ICC
Primary Accession	P05783
Reactivity	Human
Host	Mouse
Clonality	Monoclonal
Isotype	IgG2a
Calculated MW	46 KDa

Keratin 18 Antibody - Additional Information

Gene ID 3875

Other Names

Cell proliferation inducing gene 46 protein;Cell proliferation inducing protein 46;Cell proliferation-inducing gene 46 protein;CK 18;CK-18;CK18;Cytokeratin 18;Cytokeratin endo B;Cytokeratin-18;Cytokeratin18;K 18;K18;K1C18_HUMAN;Keratin 18;Keratin D;Keratin type I cytoskeletal 18;keratin, type I cytoskeletal 18;Keratin-18;Keratin18;Kerd;KRT18.

Dilution

WB~~1:2000

ICC~~1:800

Format

Purified mouse monoclonal in PBS(pH 7.4) containing with 0.09% (W/V) sodium azide,0.1mg/mlBSA and 50% glycerol.

Storage

Store at -20 °C.Stable for 12 months from date of receipt

Keratin 18 Antibody - Protein Information

Name KRT18

Synonyms CYK18

Function

Involved in the uptake of thrombin-antithrombin complexes by hepatic cells (By similarity). When phosphorylated, plays a role in filament reorganization. Involved in the delivery of mutated CFTR to the plasma membrane. Together with KRT8, is involved in interleukin-6 (IL-6)-mediated barrier protection.

Cellular Location

Nucleus matrix {ECO:0000250|UniProtKB:Q5BJY9}. Cytoplasm, perinuclear region. Nucleus, nucleolus. Cytoplasm {ECO:0000250|UniProtKB:Q5BJY9}

Tissue Location

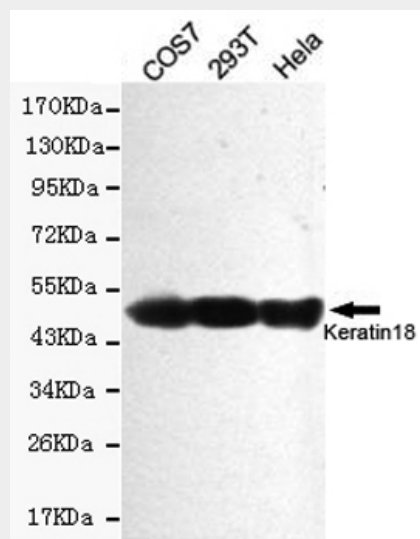
Expressed in colon, placenta, liver and very weakly in exocervix. Increased expression observed in lymph nodes of breast carcinoma.

Keratin 18 Antibody - Protocols

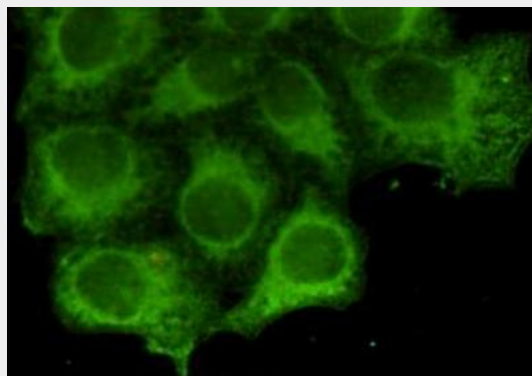
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Keratin 18 Antibody - Images



Western blot detection of Keratin 18 in HeLa, COS7 and 293T cell lysates using Keratin 18 mouse mAb (1:2000 diluted). Predicted band size: 46KDa. Observed band size: 46KDa.



Immunocytochemistry staining of HeLa cells fixed by anhydrous methanol for 2 h at -20°C and using anti-Keratin 18 mouse mAb (dilution 1:800).

Keratin 18 Antibody - Background

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Keratin 18 Antibody - References

- Oshima R.G.,et al.Differentiation 33:61-68(1986).
Kim J.W.,et al.Submitted (SEP-2004) to the EMBL/GenBank/DDBJ databases.
Kalnine N.,et al.Submitted (OCT-2004) to the EMBL/GenBank/DDBJ databases.
Suzuki Y.,et al.Submitted (APR-2005) to the EMBL/GenBank/DDBJ databases.
Kulesh D.A.,et al.Mol. Cell. Biol. 8:1540-1550(1988).