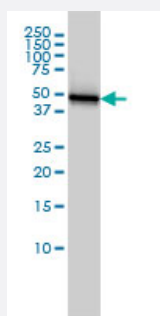


KRT18 monoclonal antibody (M01), clone 2F8

Catalog # H00003875-M01

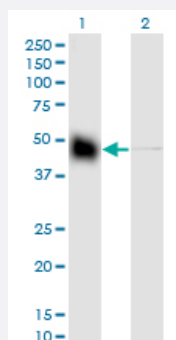
Size 100 ug

Applications



Western Blot (Cell lysate)

KRT18 monoclonal antibody (M01), clone 2F8 Western Blot analysis of KRT18 expression in HeLa (Cat # L013V1).

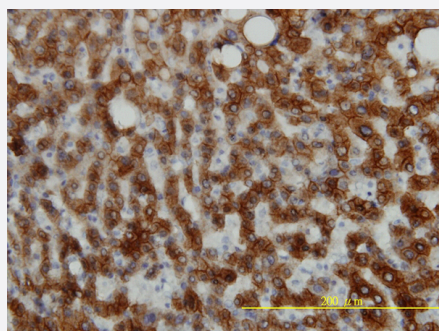


Western Blot (Transfected lysate)

Western Blot analysis of KRT18 expression in transfected 293T cell line by KRT18 monoclonal antibody (M01), clone 2F8.

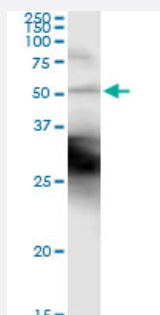
Lane 1: KRT18 transfected lysate(48.1 KDa).

Lane 2: Non-transfected lysate.



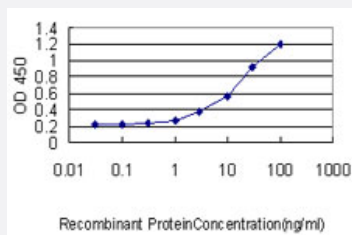
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunoperoxidase of monoclonal antibody to KRT18 on formalin-fixed paraffin-embedded human liver tissue. [antibody concentration 3 ug/ml]



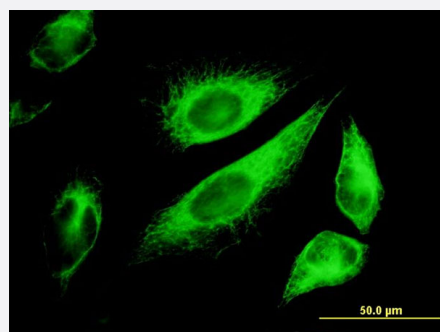
Immunoprecipitation

Immunoprecipitation of KRT18 transfected lysate using anti-KRT18 monoclonal antibody and Protein A Magnetic Bead, and immunoblotted with KRT18 MaxPab rabbit polyclonal antibody.



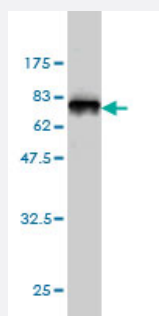
Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged KRT18 is approximately 0.1ng/ml as a capture antibody.



Immunofluorescence

Immunofluorescence of monoclonal antibody to KRT18 on HeLa cell. [antibody concentration 10 ug/ml]



Western Blot detection against Immunogen (47.41 KDa) .

Specification

Product Description	Mouse monoclonal antibody raised against a full length recombinant KRT18.
Immunogen	KRT18 (AAH00180, 1 a.a. ~ 430 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	MSFTTRSTFSTNYRSLGSVQAPSYGARSVSSAASVYAGAGGSGSRISVSRSTSFRGGMGSGGLA TGIAGGLAGMGGIQNEKETMQSLNDRPASYLDRVRSLETENRRLESKIREHLEKKGPQVRDWSHY FKIIEDLRAQIFANTVDNARVLQIDNARLAADDFRVKYETELAMRQSVENDIHGLRKVIDDTNITRLQ LETEIEALKEELLFMKKNHEEEVKGLQAQIASSGLTVEVDAPKSQDLAKIMADIRAQYDELARKNR EELDKYWSQQIEESTTVTTQSAEVGAAETTLTELRRTVQSLEIDLDSMRNLKASLENSLREVEAR YALQMEQLNGILLHLESELAQTRAEGRQAQEQYEALLNIKVKLEAEIATYRRLLEDGEDFNLGDALD SSNSMQTIQKTTTTRRVDGKVVSETNDTKVLRY
Host	Mouse
Reactivity	Human

Interspecies Antigen Sequence	Mouse (85); Rat (83)
Isotype	IgG2a Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (47.41 KDa) .
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Cell lysate)

KRT18 monoclonal antibody (M01), clone 2F8 Western Blot analysis of KRT18 expression in HeLa (Cat # L013V1).

[Protocol Download](#)

- Western Blot (Transfected lysate)

Western Blot analysis of KRT18 expression in transfected 293T cell line by KRT18 monoclonal antibody (M01), clone 2F8.

Lane 1: KRT18 transfected lysate(48.1 KDa).

Lane 2: Non-transfected lysate.

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

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

Immunoperoxidase of monoclonal antibody to KRT18 on formalin-fixed paraffin-embedded human liver tissue. [antibody concentration 3 ug/ml]

[Protocol Download](#)

- Immunoprecipitation

Immunoprecipitation of KRT18 transfected lysate using anti-KRT18 monoclonal antibody and Protein A Magnetic Bead, and immunoblotted with KRT18 MaxPab rabbit polyclonal antibody.

[Protocol Download](#)

- Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged KRT18 is approximately 0.1 ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

- Immunofluorescence

Immunofluorescence of monoclonal antibody to KRT18 on HeLa cell. [antibody concentration 10 ug/ml]

Gene Info — KRT18

Entrez GeneID [3875](#)

GeneBank Accession# [BC000180](#)

Protein Accession# [AAH00180](#)

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](#)