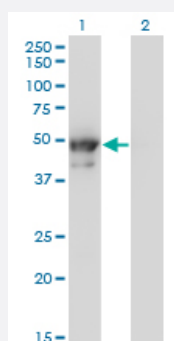


KRT8 monoclonal antibody (M02), clone 3E3

Catalog # H00003856-M02

Size 100 ug

Applications

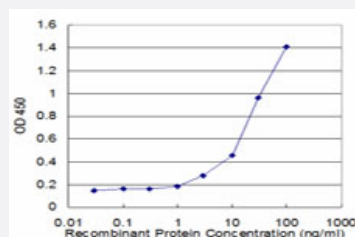


Western Blot (Transfected lysate)

Western Blot analysis of KRT8 expression in transfected 293T cell line by KRT8 monoclonal antibody (M02), clone 3E3.

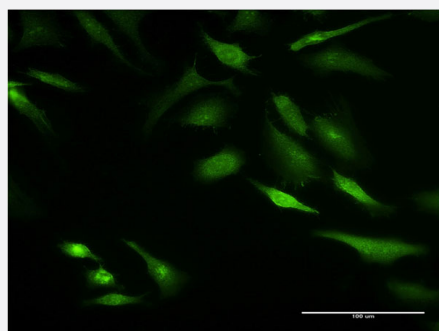
Lane 1: KRT8 transfected lysate (53.7 kDa).

Lane 2: Non-transfected lysate.



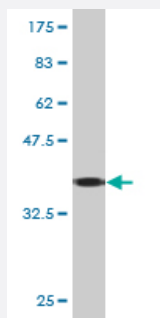
Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged KRT8 is approximately 1 ng/ml as a capture antibody.



Immunofluorescence

Immunofluorescence of monoclonal antibody to KRT8 on HeLa cell . [antibody concentration 10 ug/ml]



Western Blot detection against Immunogen (37.29 KDa) .

Specification

Product Description	Mouse monoclonal antibody raised against a partial recombinant KRT8.
Immunogen	KRT8 (NP_002264, 91 a.a. ~ 195 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	EKEQIKTLNNKFASFIDKVRFLQNNKMLETKWSLLQQKTARSNMDNMFESYNNLRRQLETLG QEKLKLEAELGNMQGLVEDFKNKYEDEINKRTEMENEFVL
Host	Mouse
Reactivity	Human
Isotype	IgG2b Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (37.29 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 (Transfected lysate)

Western Blot analysis of KRT8 expression in transfected 293T cell line by KRT8 monoclonal antibody (M02), clone 3E3.

Lane 1: KRT8 transfected lysate(53.7 KDa).

Lane 2: Non-transfected lysate.

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged KRT8 is approximately 1ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

- Immunofluorescence

Immunofluorescence of monoclonal antibody to KRT8 on HeLa cell . [antibody concentration 10 ug/ml]

Gene Info — KRT8

Entrez GeneID [3856](#)

GeneBank Accession# [NM_002273](#)

Protein Accession# [NP_002264](#)

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

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](#)
- [Liver Failure](#)
- [Neuroblastoma](#)
- [Pancreatitis](#)