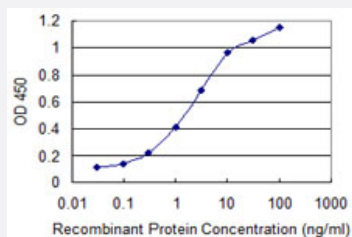


KRT75 monoclonal antibody (M10), clone 3F9

Catalog # H00009119-M10

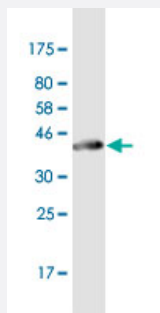
Size 100 ug

Applications



Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged KRT75 is 0.03 ng/ml as a capture antibody.



Western Blot detection against Immunogen (36.74 KDa) .

Specification

Product Description	Mouse monoclonal antibody raised against a partial recombinant KRT75.
Immunogen	KRT75 (NP_004684, 141 a.a. ~ 240 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	TIQRVRAEEREQIKTLNNKFASFIDKVRFLQQNKVLETKWALLQEQGSRTVRQNLEPLFDSYTSE LRRQLESITTERGRLEAELRNMQDVVEDFKVRYE
Host	Mouse
Reactivity	Human

Interspecies Antigen Sequence	Mouse (84); Rat (81)
Isotype	IgG1 Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (36.74 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 (Recombinant protein)

[Protocol Download](#)

- Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged KRT75 is 0.03 ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

Gene Info — KRT75

Entrez GeneID	9119
GeneBank Accession#	NM_004693
Protein Accession#	NP_004684
Gene Name	KRT75
Gene Alias	K6HF, KB18, PFB
Gene Description	keratin 75
Omim ID	609025
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. This gene is expressed in the companion layer, upper germinative matrix region of the hair follicle, and medulla of the hair shaft. The encoded protein plays an essential role in hair and nail formation. Variations in this gene have been associated with the hair disorders pseudofolliculitis barbae (PFB) and loose anagen hair syndrome (LAHS). [provided by RefSeq]

Other Designations

cytokeratin type III|cytokeratin-75|keratin-6 hair follicle|type II keratin-18