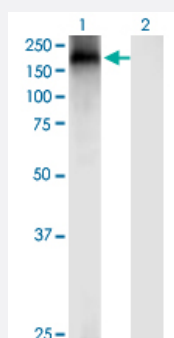


# TRPA1 monoclonal antibody (M03), clone 6G8

Catalog # H00008989-M03

Size 100 ug

## Applications

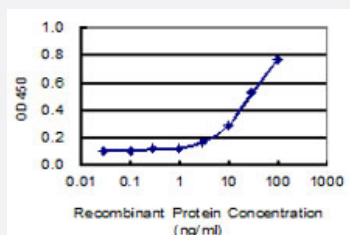


### Western Blot (Transfected lysate)

Western Blot analysis of TRPA1 expression in transfected 293T cell line by TRPA1 monoclonal antibody (M03), clone 6G8.

Lane 1: TRPA1 transfected lysate (Predicted MW: 123.09 kDa).

Lane 2: Non-transfected lysate.



### Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged TRPA1 is 1 ng/ml as a capture antibody.



Western Blot detection against Immunogen (35.09 kDa) .

## Specification

### Product Description

Mouse monoclonal antibody raised against a partial recombinant TRPA1.

Immunogen	TRPA1 (NP_015628, 1033 a.a. ~ 1117 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	IPNADKSLEMEILKQKYRLKDLTFLLLEKQHELIKLIQKMEISETEDDDSHCSFQDRFKKEQMEQRN SRWNTVLRVAKAKTHHL
Host	Mouse
Reactivity	Human
Isotype	IgG1 Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (35.09 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 TRPA1 expression in transfected 293T cell line by TRPA1 monoclonal antibody (M03), clone 6G8.

Lane 1: TRPA1 transfected lysate (Predicted MW: 123.09 KDa).

Lane 2: Non-transfected lysate.

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged TRPA1 is 1 ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

## Gene Info — TRPA1

Entrez GeneID [8989](#)

GeneBank Accession# [NM\\_007332](#)

Protein Accession#	<a href="#">NP_015628</a>
Gene Name	TRPA1
Gene Alias	ANKTM1
Gene Description	transient receptor potential cation channel, subfamily A, member 1
Omim ID	<a href="#">604775</a>
Gene Ontology	<a href="#">Hyperlink</a>
Gene Summary	The structure of the protein encoded by this gene is highly related to both the protein ankyrin and transmembrane proteins. The specific function of this protein has not yet been determined; however, studies indicate the function may involve a role in signal transduction and growth control. [provided by RefSeq]
Other Designations	ankyrin-like protein 1 ankyrin-like with transmembrane domains 1

## Publication Reference

- [Transient Receptor Potential Ankyrin 1 Channel Involved in Atherosclerosis and Macrophage-Foam Cell Formation.](#)

Zhao JF, Shyue SK, Kou YR, Lu TS, Lee TS.

International Journal of Biological Sciences 2016 May; 12(7):812.

Application: IHC, WB-Ti, Mouse, Aortas