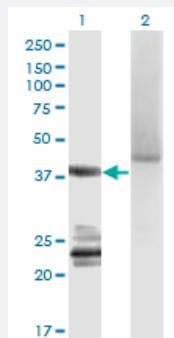


GNA14 monoclonal antibody (M06), clone 2H8

Catalog # H00009630-M06

Size 100 ug

Applications

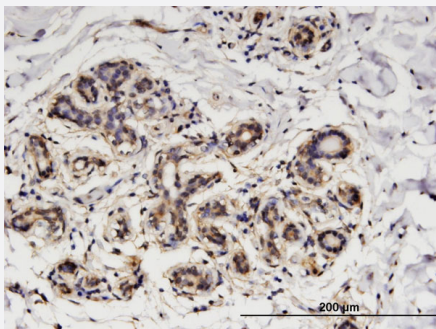


Western Blot (Transfected lysate)

Western Blot analysis of GNA14 expression in transfected 293T cell line by GNA14 monoclonal antibody (M06), clone 2H8.

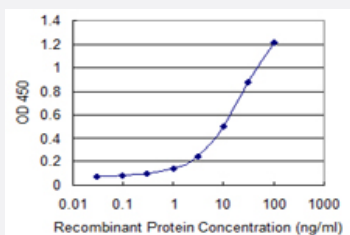
Lane 1: GNA14 transfected lysate(41.6 KDa).

Lane 2: Non-transfected lysate.



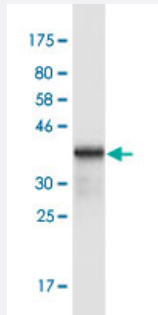
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunoperoxidase of monoclonal antibody to GNA14 on formalin-fixed paraffin-embedded human breast. [antibody concentration 3 ug/ml]



Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged GNA14 is 0.3 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 GNA14.
Immunogen	GNA14 (AAH27886.1, 150 a.a. ~ 250 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	SDSAKYLLTDIDRIATPSFVPTQQDVLRLVRVPPTTGII EYPFDLENII FRMVDVGGQSRERRKWIHCFE SVTSIIFLVALUEYDQVLAECDNENRMEESKAL
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (96); Rat (97)
Specificity	This antibody cross-reacts with human GNA11.
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 (Transfected lysate)

Western Blot analysis of GNA14 expression in transfected 293T cell line by GNA14 monoclonal antibody (M06), clone 2H8.

Lane 1: GNA14 transfected lysate(41.6 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 GNA14 on formalin-fixed paraffin-embedded human breast. [antibody concentration 3 ug/ml]

[Protocol Download](#)

- Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged GNA14 is 0.3 ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

Gene Info — GNA14

Entrez GeneID [9630](#)

GeneBank Accession# [BC027886](#)

Protein Accession# [AAH27886.1](#)

Gene Name GNA14

Gene Alias -

Gene Description guanine nucleotide binding protein (G protein), alpha 14

Omim ID [604397](#)

Gene Ontology [Hyperlink](#)

Gene Summary

This gene encodes a member of the guanine nucleotide-binding, or G protein family. G proteins are heterotrimers consisting of alpha, beta and gamma subunits. The encoded protein is a member of the alpha family of G proteins, more specifically the alpha q subfamily of G proteins. The encoded protein may play a role in pertussis-toxin resistant activation of phospholipase C-beta and its downstream effectors

Other Designations

OTTHUMP00000021515|guanine nucleotide-binding protein 14

Pathway

- [Calcium signaling pathway](#)

Disease

- [Cardiovascular Diseases](#)
- [Diabetes Mellitus](#)
- [Edema](#)
- [Genetic Predisposition to Disease](#)
- [Hypertension](#)
- [Tobacco Use Disorder](#)