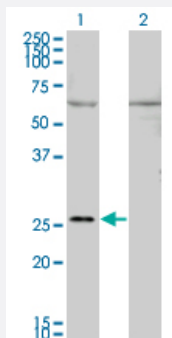


GAP43 monoclonal antibody (M01), clone 3C11

Catalog # H00002596-M01

Size 100 ug

Applications

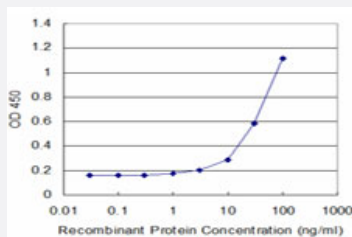


Western Blot (Transfected lysate)

Western Blot analysis of GAP43 expression in transfected 293T cell line by GAP43 monoclonal antibody (M01), clone 3C11.

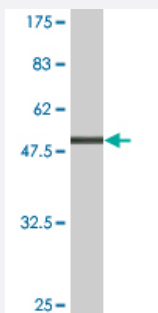
Lane 1: GAP43 transfected lysate(24.8 KDa).

Lane 2: Non-transfected lysate.



Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged GAP43 is approximately 3ng/ml as a capture antibody.



Western Blot detection against Immunogen (51.92 KDa) .

Specification

Product Description

Mouse monoclonal antibody raised against a full-length recombinant GAP43.

Immunogen	GAP43 (AAH07936, 1 a.a. ~ 238 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	MLCCMRRTKQVEKNDDDDQKIEQDGIKPEDKAHKAATKIQASFRGHITRKKLKGEKKDDVQAAEA EANKKDEAPVADGVEKKGEGTTTAEAAPATGSKPDEPGKAGETPSEEKKGEGDAATEQAAPQ APASSEEKAGSAETESATKASTDNSPSSKAEDAPAKEEPPKQADVPAAVTAAAATTPAAEDAAA KATAQPPTETGESSQAEENIEAVDETKPKESARQDEGKEEEPEADQEHA
Host	Mouse
Reactivity	Human
Isotype	IgG2a Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (51.92 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 GAP43 expression in transfected 293T cell line by GAP43 monoclonal antibody (M01), clone 3C11.

Lane 1: GAP43 transfected lysate(24.8 KDa).

Lane 2: Non-transfected lysate.

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged GAP43 is approximately 3ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

Gene Info — GAP43

Entrez GeneID

[2596](#)

GeneBank Accession#	BC007936
Protein Accession#	AAH07936
Gene Name	GAP43
Gene Alias	B-50, PP46
Gene Description	growth associated protein 43
Omim ID	162060
Gene Ontology	Hyperlink
Gene Summary	The protein encoded by this gene has been termed a 'growth' or 'plasticity' protein because it is expressed at high levels in neuronal growth cones during development and axonal regeneration. This protein is considered a crucial component of an effective regenerative response in the nervous system. Alternatively spliced transcript variants encoding distinct isoforms have been found for this gene. [provided by RefSeq]
Other Designations	axonal membrane protein GAP-43 calmodulin-binding protein P-57 nerve growth-related peptide GAP43 neural phosphoprotein B-50 neuromodulin neuron growth-associated protein 43 protein F1

Disease

- [Tobacco Use Disorder](#)