



# ELK Biotechnology

GAP43 Mouse mAb

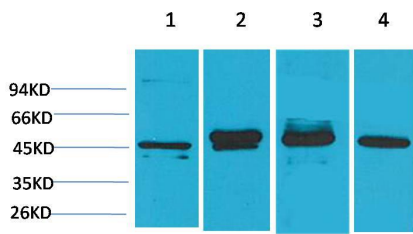
Catalog NO.: EM1181

For research use only.

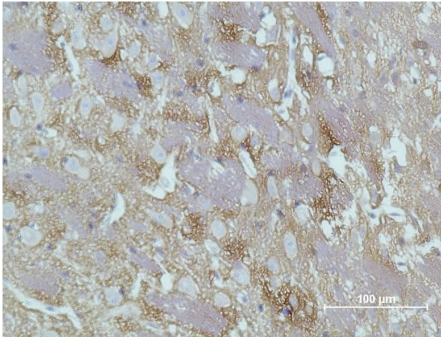
## Overview

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Product name	GAP43 Mouse Monoclonal antibody
Source	Mouse
Applications	<b>WB IHC</b>
Species reactivity	<b>Human Rat Mouse</b>
Recommended dilutions	<b>WesternBlot:1/1000-2000</b> <b>Immunohistochemistry:1/200-500</b> <b>NOTE: Optimal dilutions should be determined by the end user.</b>
Immunogen	Recombinant Protein
Species	Human
Storage	PBS with 0.02% sodium azide and 50% glycerol pH 7.4. Store at -20° C. Avoid repeated freeze-thaw cycles.
Isotype	IgG1
Clonality	Monoclonal
Concentration	1 mg/ml
Observed band	<b>3843kDa</b>
GeneID (Human)	2596
Human Swiss-Prot No.	P17677
Cellular localization	Cell junction Cell membrane Cell projection Membrane Synapse
Alternative Names	B50 antibody Growth Associated Protein 43 antibody Nerve Growth Related Peptide antibody
Background	Growth Associated Protein 43 also known as GAP43 is a protein that in humans is encoded by the GAP43 gene. GAP43 is a nervous tissue-specific cytoplasmic protein that can be attached to the membrane via a dual palmitoylation sequence on cysteines 3 and 4. This sequence targets GAP43 to lipid rafts.



Western blot analysis of) HeLa 2) 293T 3)Mouse Brain Tissue 4)Rat Brain Tissue with GAP43 Mouse mAb EM1181 diluted at:2000.



Immunohistochemical analysis of paraffin-embedded Rat Brain Tissue using GAP43 (EM1181) Mouse mAb diluted at:500.