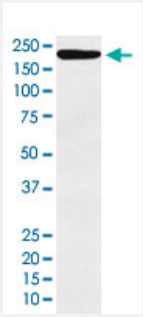
IQGAP1 monoclonal antibody, clone ADGG-9

Catalog # MAB22108 Size 100 uL

Applications



Western Blot (Cell lysate)

Western Blot (cell lysate) analysis of HeLa cell lysate.

Specification

Product Description	Rabbit monoclonal antibody raised against synthetic protein of human IQGAP1.
Immunogen	A synthetic peptide corresponding to human IQGAP1.
Host	Rabbit
Reactivity	Human, Mouse
Specificity	This antibody reacts with human, mouse IQGAP1, in native form and recombinant. Superfamily members of IQGAP1 are not reactive to antibody.
Form	Liquid
Purification	Affinity purification
Isotype	IgG
Recommend Usage	Flow Cytometry (1:50) Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) (1:50-200) Immunofluorescence (1:50-200) Immunocytochemistry (1:50-200) Western Blot (1:500-2000) The optimal working dilution should be determined by the end user.

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Storage Buffer	In PBS, 150 mM NaCl, pH 7.4 (50% glycerol, 0.02% sodium azide).
Storage Instruction	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which shoul d be handled by trained staff only.

Applications

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)
- Immunofluorescence
- Immunocytochemistry
- Flow Cytometry
- Western Blot (Cell lysate)

  Western Blot (cell lysate) analysis of HeLa cell lysate.

Gene Info — IQGAP1

Entrez GeneID	8826
Protein Accession#	P46940
Gene Name	IQGAP1
Gene Alias	HUMORFA01, KIAA0051, SAR1, p195
Gene Description	IQ motif containing GTPase activating protein 1
Omim ID	603379
Gene Ontology	Hyperlink
Gene Summary	This gene encodes a member of the IQGAP family. The protein contains four IQ domains, one cal ponin homology domain, one Ras-GAP domain and one WW domain. It interacts with component s of the cytoskeleton, with cell adhesion molecules, and with several signaling molecules to regula te cell morphology and motility. Expression of the protein is upregulated by gene amplification in t wo gastric cancer cell lines. [provided by RefSeq
Other Designations	RasGAP-like with IQ motifs

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Pathway

- Adherens junction
- Regulation of actin cytoskeleton

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