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Produktinformation



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Diagnostik & molekulare Diagnostik



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See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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ACTR1B monoclonal antibody (M05), clone 4E10

Catalog # : H00010120-M05

規格 : [100 ug]

[List All](#)

Specification

Product Description:	Mouse monoclonal antibody raised against a partial recombinant ACTR1B.
Immunogen:	ACTR1B (NP_005726, 191 a.a. ~ 286 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence:	SRYLRLLLRKEGVDFHTSAEFEVVRTIKERACYLSINPQKDEALETEKVQYTLPDGSTLDVGPFRAPPELLFQPDLVGDESEGLHEVVAFAIHK*
Host:	Mouse
Reactivity:	Human
Isotype:	IgG2a Kappa
Quality Control Testing:	Antibody Reactive Against Recombinant Protein.
Storage Buffer:	In 1x PBS, pH 7.4

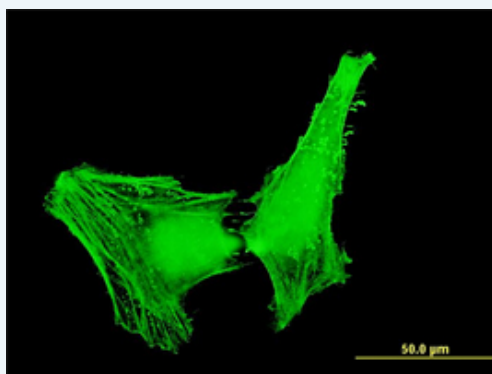
Storage Instruction: Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

MSDS:  [Download](#)

Datasheet:  [Download](#)


Applications

Immunofluorescence



 [enlarge this image](#)

Immunofluorescence of monoclonal antibody to ACTR1B on HeLa cell . [antibody concentration 10 ug/ml]

 [Protocol Download](#)

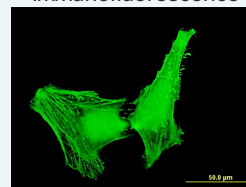
ELISA

Gene Information

Entrez GeneID: [10120](#)

Application Image

Immunofluorescence



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ELISA

**GeneBank
Accession#:** [NM_005735](#)

**Protein
Accession#:** [NP_005726](#)

Gene Name: ACTR1B

Gene Alias: ARP1B,CTRN2,PC3

**Gene
Description:** ARP1 actin-related protein 1 homolog B, centractin beta (yeast)

Omim ID: [605144](#)

Gene Ontology: [Hyperlink](#)

Gene Summary: This gene encodes a 42.3 kD subunit of dynactin, a macromolecular complex consisting of 10 subunits ranging in size from 22 to 150 kD. Dynactin binds to both microtubules and cytoplasmic dynein and is involved in a diverse array of cellular functions, including ER-to-Golgi transport, the centripetal movement of lysosomes and endosomes, spindle formation, chromosome movement, nuclear positioning, and axonogenesis. This subunit, like ACTR1A, is an actin-related protein. These two proteins, which are of equal length and share 90% amino acid identity, are present in a constant ratio of approximately 1:15 in the dynactin complex. [provided by RefSeq]

**Other
Designations:** ARP1 actin-related protein 1 homolog B, centractin beta, centractin beta

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