

Datasheet for ABIN7468339
anti-Fission 1 antibody



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Overview

Quantity:	100 µL
Target:	Fission 1 (FIS1)
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This Fission 1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF), Immunocytochemistry (ICC)

Product Details

Immunogen:	Full length human FIS1 Recombinant protein.
Clone:	GT9810
Isotype:	IgG2a
Cross-Reactivity:	Human, Mouse, Rat
Purification:	Affinity purified by Protein G.
Grade:	KO Validated

Target Details

Target:	Fission 1 (FIS1)
Alternative Name:	fission, mitochondrial 1 (FIS1 Products)
Background:	Synonyms: fission, mitochondrial 1 , CGI-135 , TTC11

Target Details

Background: The balance between fission and fusion regulates the morphology of mitochondria. TTC11 is a component of a mitochondrial complex that promotes mitochondrial fission (James et al., 2003 [PubMed 12783892]).[supplied by OMIM]

Molecular Weight: 17 kDa

Gene ID: 51024

UniProt: [Q9Y3D6](#)

Pathways: [Positive Regulation of Endopeptidase Activity](#)

Application Details

Application Notes: WB: 1:500-1:3000. ICC/IF: 1:100-1:20000. Optimal dilutions/concentrations should be determined by the researcher. Not tested in other applications.

Comment: Positive Control: NCI-H929 , HeLa Validation: KO/KD

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1.9 mg/mL

Buffer: PBS, No Preservative

Preservative: Without preservative

Storage: 4 °C,-20 °C

Storage Comment: Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.