

Datasheet for ABIN5611153
anti-DNM2 antibody (AA 520-744)

5 Images

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Overview

Quantity:	0.1 mg
Target:	DNM2
Binding Specificity:	AA 520-744
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC), Flow Cytometry (FACS), Immunocytochemistry (ICC), Neutralization (Neut)

Product Details

Immunogen:	Purified recombinant fragment of human Dynamin-2 (AA: 520-744) expressed in E. coli.
Clone:	3F5F3
Isotype:	IgG2a
Purification:	purified

Target Details

Target:	DNM2
Alternative Name:	Dynamin-2 (DNM2 Products)
Background:	Description: Dynamins represent one of the subfamilies of GTP-binding proteins. These proteins share considerable sequence similarity over the N-terminal portion of the molecule, which contains the GTPase domain. Dynamins are associated with microtubules. They have

Target Details

been implicated in cell processes such as endocytosis and cell motility, and in alterations of the membrane that accompany certain activities such as bone resorption by osteoclasts.

Dynamins bind many proteins that bind actin and other cytoskeletal proteins. Dynamins can also self-assemble, a process that stimulates GTPase activity. Five alternatively spliced transcripts encoding different proteins have been described. Additional alternatively spliced transcripts may exist, but their full-length nature has not been determined.

Aliases: DNM2,DYN2, CMT2M, DYNII, LCCS5, CMTDI1, CMTDIB, DI-CMTB

Molecular Weight:	98 kDa
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Gene ID:	1785
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HGNC:	1785
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Pathways:	Toll-Like Receptors Cascades
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Application Details

Application Notes:	ELISA: 1:10000, WB: 1:250 - 1:1000, ICC: N/A, FCM: 1:200 - 1:400, IHC: N/A
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Restrictions:	For Research Use only
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Handling

Format:	Liquid
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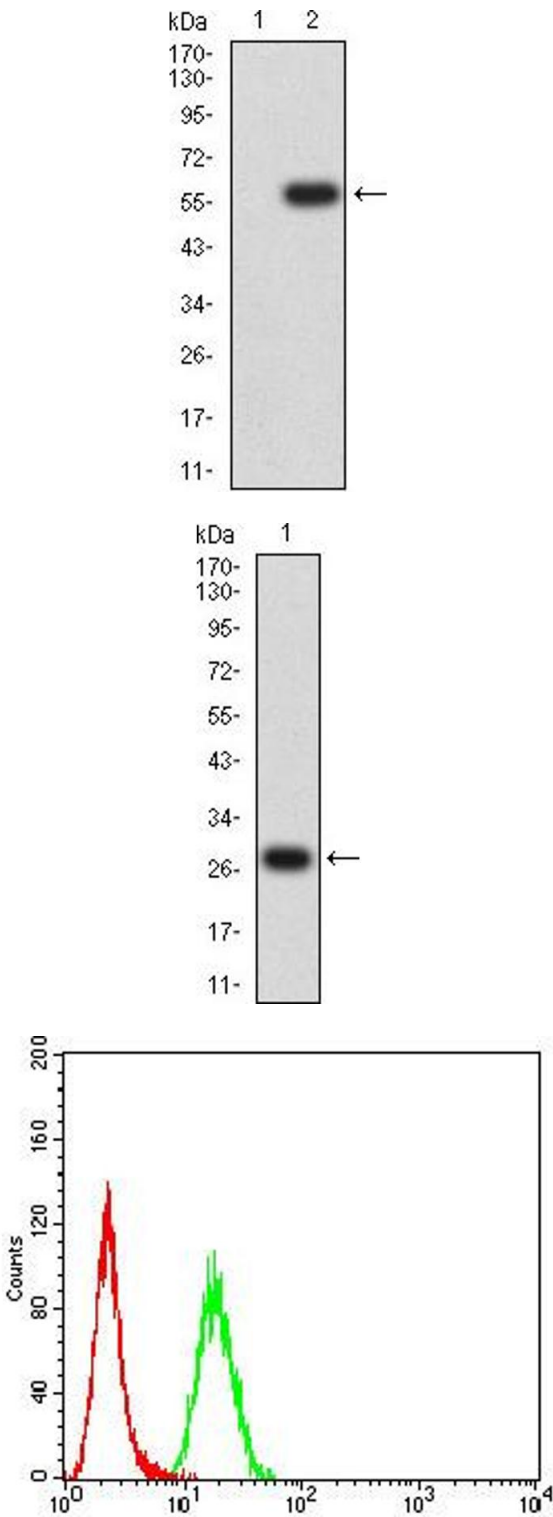
Buffer:	Purified antibody in PBS with 0.05 % sodium azide
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Preservative:	Sodium azide
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Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
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Storage:	4 °C/-20 °C
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Storage Comment:	4°C, -20°C for long term storage
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Western Blotting

Image 1. Western blot analysis using Dynamin-2 mAb against HEK293 (1) and Dynamin-2 (AA: 520-744)-hlgGfc transfected HEK293 (2) cell lysate.

Western Blotting

Image 2. Western blot analysis using Dynamin-2 mAb against human Dynamin-2 (AA: 520-744) recombinant protein. (Expected MW is 28 kDa)

Flow Cytometry

Image 3. Flow cytometric analysis of Hela cells using *** mouse mAb (green) and negative control (red).

Please check the [product details page](#) for more images. Overall 5 images are available for ABIN5611153.