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Datasheet for ABIN521136
anti-TUBA4A antibody (AA 1-448)

2 Images

Overview

Quantity:	100 µg
Target:	TUBA4A
Binding Specificity:	AA 1-448
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This TUBA4A antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Purpose:	Mouse monoclonal antibody raised against a full length recombinant TUBA1.
Immunogen:	TUBA1 (AAH09238, 1 a.a. ~ 448 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence:	MRECISVHVG QAGVQMGNAC WELYCLEHGI QPDGQMPSDK TIGGGDDSFT TFFCETGAGK HVPRAVFVDL EPTVIDEIRN GPYRQLFHPE QLITGKEDAA NNYARGHYTI GKEIIDPVLD RIRKLSQDCT GLQGFLVFHS FGGGTGSGFT SLLMERLSVD YGKKSLEFS IYPAPQVSTA VVEPYNSILT THTTLEHSDC AFMVDNEAIY DICRRNLDIE RPTYTNLNL ISQIVSSITA SLRFDGALNV DLTEFQTNLV PYPRIHFPLA TYAPVISA EK AYHEQLSVAE ITNACFEPAN QMKVCDPRHG KYMACCLLYR GDVVPKDVNA AIAAIKTKRS IQFVDWCPTG FKVGINYQPP TVVPGGDLAK VQRAVCMLSN TTAIAEAWAR LDHKFDLMYA KRAVHWYVVG EGMEEGEFSE AREDMAALEK DYEEVGIDSY EDEDEGEE

Product Details

Clone:	1G12
Isotype:	IgG2a
Cross-Reactivity:	Human
Characteristics:	Antibody Reactive Against Recombinant Protein.

Target Details

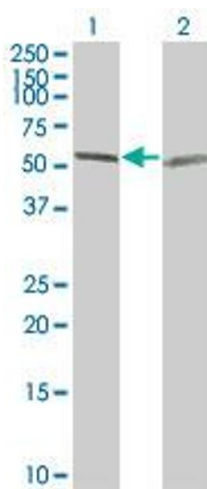
Target:	TUBA4A
Alternative Name:	TUBA4A (TUBA4A Products)
Background:	Full Gene Name: tubulin, alpha 4a Synonyms: FLJ30169,H2-ALPHA,TUBA1
Gene ID:	7277
Pathways:	Microtubule Dynamics, M Phase

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

Buffer:	In 1x PBS, pH 7.4
Handling Advice:	Aliquot to avoid repeated freezing and thawing.
Storage:	-20 °C
Storage Comment:	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

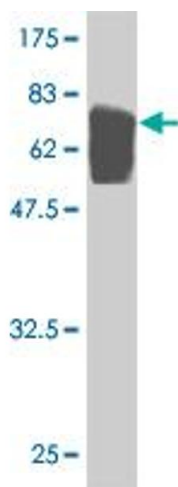


Western Blotting

Image 1. Western Blot analysis of TUBA1 expression in transfected 293T cell line by TUBA1 monoclonal antibody (M02), clone 1G12.

Lane 1: TUBA1 transfected lysate(49.9 KDa).

Lane 2: Non-transfected lysate.



Western Blotting

Image 2. Western Blot detection against Immunogen (75.02 KDa) .