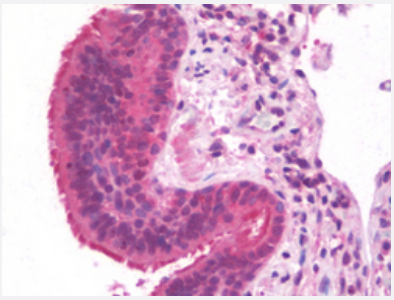
FMR1 monoclonal antibody, clone 1D10

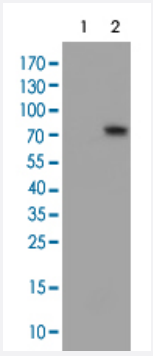
Catalog # MAB16366 Size 50 uL

Applications



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining (Formalin-fixed paraffin-embedded sections) of human lung with FMR1 monoclonal antibody, clone 1D10 (Cat # MAB16366).



Western Blot (Transfected lysate)

Western Blot analysis of HEK293T cells (Lane 1: transfected with pCMV6-ENTRY control and Lane 2: transfected with pCMV6-ENTRY FMR1 cDNA) with FMR1 monoclonal antibody, clone 1D10 (Cat # MAB16366).

Specification

Product Description	Mouse monoclonal antibody raised against partial recombinant human FMR1.
Immunogen	Recombinant protein corresponding to amino acids 36-279 of human FMR1 from *E. coli*.
Host	Mouse
Reactivity	Human
Form	Liquid
Purification	Protein A/G purification

Copyright © 2023 Abnova Corporation. All Rights Reserved.

Isotype	IgG2b
Recommend Usage	Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) (10 ug/mL) Western Blot (1:500-1:2000) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH 7.3 (50% glycerol, 1% BSA, 0.02% sodium azide).
Storage Instruction	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)

  Immunohistochemical staining (Formalin-fixed paraffin-embedded sections) of human lung with FMR1 monoclonal antibody, clone 1D10 (Cat # MAB16366).

- Western Blot (Transfected lysate)

  Western Blot analysis of HEK293T cells (Lane 1: transfected with pCMV6-ENTRY control and Lane 2: transfected with pCMV6-ENTRY FMR1 cDNA) with FMR1 monoclonal antibody, clone 1D10 (Cat # MAB16366).

Gene Info — FMR1

Entrez GeneID	2332
Protein Accession#	Q06787
Gene Name	FMR1
Gene Alias	FMRP, FRAXA, MGC87458, POF, POF1
Gene Description	fragile X mental retardation 1
Omim ID	300623 300624 309550
Gene Ontology	Hyperlink
Gene Summary	The protein encoded by this gene binds RNA and is associated with polysomes. The encoded pr otein may be involved in mRNA trafficking from the nucleus to the cytoplasm. A trinucleotide repea t (CGG) in the 5' UTR is normally found at 6-53 copies, but an expansion to 55-230 repeats is the cause of fragile X syndrome. Expansion of the trinucleotide repeat may also cause one form of pr emature ovarian failure (POF1). [provided by RefSeq

Copyright © 2023 Abnova Corporation. All Rights Reserved.

Other Designations	OTTHUMP00000024197|premature ovarian failure 1

Disease

- Ataxia
- Ataxia telangiectasia
- Attention
- Attention Deficit Disorder with Hyperactivity
- Autistic Disorder
- Cerebellar Ataxia
- Cognition
- Cognition Disorders
- Dementia
- Disease Progression
- Essential tremor
- Fetal Diseases
- Fragile X syndrome
- Genetic Predisposition to Disease
- Genomic Instability
- Hallucinations
- Huntington disease
- Infertility
- Inhibition (Psychology)
- Intelligence Tests
- Memory
- Menopause
- Mental Disorders

Copyright © 2023 Abnova Corporation. All Rights Reserved.

- Mental Processes
- Mental Retardation
- Mental Status Schedule
- Multiple System Atrophy
- Neuropsychological Tests
- Obesity
- Olivopontocerebellar Atrophies
- Osteoporosis
- Ovarian Diseases
- Ovarian Failure
- Parkinson disease
- Parkinsonian Disorders
- Polycystic Ovary Syndrome
- Primary Ovarian Insufficiency
- Psychotic Disorders
- Puberty
- Reaction Time
- Schizophrenia
- Spinocerebellar ataxia
- Spinocerebellar Ataxias
- Spinocerebellar Degenerations
- Thrombophilia
- Tobacco Use Disorder
- Tremor

Copyright © 2023 Abnova Corporation. All Rights Reserved.