

ARG44772
anti-FAM175B antibody

Package: 50 µg

Store at: -20°C

Summary

Product Description	Mouse Monoclonal antibody recognizes FAM175B
Tested Reactivity	Hu
Tested Application	IHC-P, IP
Host	Mouse
Clonality	Monoclonal
Isotype	IgG1
Target Name	FAM175B
Species	Human
Epitope	QEYKVSSVPN TSQSYAKVIK EHGTDFFDKD GVMKDIRAIY QVYNALQEKV QAVCADVEKS ERVVESCQAE VNKLRRQITQ RKNEKEQERR LQQAVLSRQM PSESLDPAFS PRMPSSGFAA EGRSTLGDAE ASDPPPPYSD FHPNNQESTL SHSRMERSVF MPRPQAVGSS NYASTSAGLK YPGSGADLPP PQRAAGDSGE DSDSDYENL IDPTEPSNSE YSHKDSRPM AHPDEDPRNT
Conjugation	Un-conjugated
Alternate Names	ABRAXAS2; Abraxas 2, BRISC Complex Subunit; KIAA0157; ABRO1; FAM175B; Family With Sequence Similarity 175 Member B; BRISC Complex Subunit Abraxas 2; Abraxas Brother Protein 1; Em:AC068896.4; Family With Sequence Similarity 175, Member B; BRISC Complex Subunit Abro1; Abraxas Brother 1; Abraxas Brother; Protein FAM175B

Application Instructions

Application table	Application	Dilution
	IHC-P	1:200
	IP	1:100
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	

Properties

Form	Liquid
Purification	Protein A purification
Buffer	PBS with 0.09% sodium azide
Preservative	0.09% sodium azide
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.

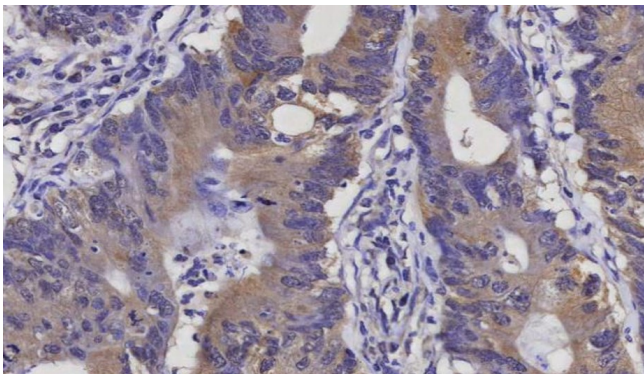
Note

For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

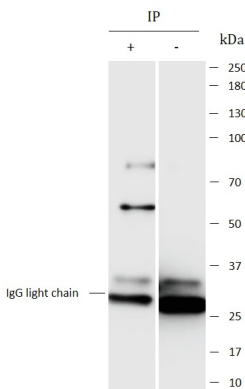
Gene Symbol	ABRAXAS2
Gene Full Name	Abraxas 2, BRISC Complex Subunit
Background	Enables microtubule binding activity and polyubiquitin modification-dependent protein binding activity. Involved in several processes, including mitotic spindle assembly; protein K63-linked deubiquitination; and response to ischemia. Located in cytoplasm. Part of BRISC complex. Colocalizes with microtubule minus-end; midbody; and spindle pole centrosome. [provided by Alliance of Genome Resources, Apr 2022]
Function	Independent of the BRISC complex, promotes interaction between USP7 and p53/TP53, and thereby promotes deubiquitination of p53/TP53, preventing its degradation and resulting in increased p53/TP53-mediated transcription regulation and p53/TP53-dependent apoptosis in response to DNA damage. [Uniprot]
PTM	Phosphoprotein. [Uniprot]
Cellular Localization	Cytoplasm, Cytoskeleton, Microtubule, Nucleus. [Uniprot]

Images



ARG44772 anti-FAM175B antibody IHC-P image

Immunohistochemistry: Human colon cancer stained with ARG44772 anti-FAM175B antibody at 5 µg/mL dilution.



ARG44772 anti-FAM175B antibody IP image

Immunoprecipitation: HepG2 lysate immunoprecipitated with 2.5 µg of ARG44772 anti-FAM175B antibody.