

FAM175A monoclonal antibody, clone ABRA1-01

Catalog # MAB8508

Size 100 ug

Specification

Product Description	Mouse monoclonal antibody raised against partial recombinant FAM175A.
Immunogen	Recombinant His fusion protein corresponding to amino acids 1-313 of human FAM175A.
Host	Mouse
Reactivity	Human
Specificity	This antibody is specific to N-terminal part of FAM175A.
Form	Liquid
Concentration	1 mg/mL
Isotype	IgG
Recommend Usage	Flow cytometry (1-2 ug/mL) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH 7.4 (0.09% sodium azide)
Storage Instruction	Store at 4°C. Do not freeze.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot
- Flow Cytometry

Gene Info — FAM175A

Entrez GeneID	84142
Gene Name	FAM175A
Gene Alias	ABRA1, CCDC98, FLJ11520, FLJ12642, FLJ13614
Gene Description	family with sequence similarity 175, member A
Omim ID	611143
Gene Ontology	Hyperlink
Gene Summary	O
Other Designations	abraxas protein coiled-coil domain containing 98

Publication Reference

- [Familial breast cancer screening reveals an alteration in the RAP80 UIM domain that impairs DNA damage response function.](#)

Nikkila J, Coleman KA, Morrissey D, Pylkas K, Erkkö H, Messick TE, Karppinen SM, Amelina A, Winqvist R, Greenberg RA. Oncogene 2009 Mar; 28(16):1843.
- [Ubc13/Rnf8 ubiquitin ligases control foci formation of the Rap80/Abraxas/Brca1/Brcc36 complex in response to DNA damage.](#)

Wang B, Elledge SJ. PNAS 2007 Dec; 104(52):20759.

Application: IF, IP, WB-Tr, Human, HEK 293T, U-2 OS cells
- [CCDC98 targets BRCA1 to DNA damage sites.](#)

Liu Z, Wu J, Yu X. Nature Structural & Molecular Biology 2007 Jul; 14(8):716.
- [Abraxas and RAP80 form a BRCA1 protein complex required for the DNA damage response.](#)

Wang B, Matsuoka S, Ballif BA, Zhang D, Smogorzewska A, Gygi SP, Elledge SJ. Science 2007 May; 316(5828):1194.

Disease

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