



Anti-BBS1 monoclonal antibody, clone FQS8017 (DCABH-4968)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview	Rabbit monoclonal to BBS1
Antigen Description	The BBSome complex is required for ciliogenesis but is dispensable for centriolar satellite function. This ciliogenic function is mediated in part by the Rab8 GDP/GTP exchange factor, which localizes to the basal body and contacts the BBSome. Rab8(GTP) enters the primary cilium and promotes extension of the ciliary membrane. Firstly the BBSome associates with the ciliary membrane and binds to Rabin8, the guanosyl exchange factor (GEF) for Rab8 and then the Rab8-GTP localizes to the cilium and promotes docking and fusion of carrier vesicles to the base of the ciliary membrane.
Immunogen	Synthetic peptide corresponding to residues in Human BBS1
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Mouse, Rat, Human
Clone	FQS8017
Purity	Tissue culture supernatant
Conjugate	Unconjugated
Applications	WB, ICC/IF
Positive Control	SH-SY5Y, fetal brain, fetal kidney, and 293T lysates, SH-SY5Y cells
Format	Liquid
Size	100 µl
Buffer	Preservative: 0.01% Sodium azide; Constituents: 50% Glycerol, 0.05% BSA
Preservative	0.01% Sodium Azide
Storage	store at -20°C. Avoid freeze / thaw cycles.
Ship	Shipped at 4°C.

GENE INFORMATION

Gene Name	BBS1 Bardet-Biedl syndrome 1 [Homo sapiens]
Official Symbol	BBS1
Synonyms	BBS1; Bardet-Biedl syndrome 1; Bardet-Biedl syndrome 1 protein; FLJ23590; BBS2-like protein 2; BBS2L2; MGC51114; MGC126183; MGC126184;
Entrez Gene ID	582
Protein Refseq	NP_078925
UniProt ID	Q8NFJ9
Chromosome Location	11q13
Function	protein binding;