



Mouse anti-Human EB1 monoclonal antibody, clone 6/FC2 (CABT-B9204)

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

PRODUCT INFORMATION

Immunogen	Human EB1 aa. 107-268
Isotype	IgG1
Source/Host	Mouse
Species Reactivity	Human, Mouse, Rat, Chicken
Clone	6/FC2
Purification	The monoclonal antibody was purified from tissue culture supernatant or ascites by affinity chromatography.
Conjugate	Unconjugated
Applications	WB; IF; IHC-P
Format	Liquid
Concentration	250 µg/ml
Size	50 µg, 150 µg
Buffer	Aqueous buffered solution containing BSA, glycerol, and ≤0.09% sodium azide.
Storage	Store undiluted at -20°C.

BACKGROUND

Introduction	Familial adenomatous polyposis is an autosomal inherited disease characterized by mutations
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in the APC (adenomatous polyposis coli) gene. Individuals with this disease are predisposed to colorectal polyps and cancer. It has been proposed that disruption of the APC gene plays a role in the disease. APC is a large coiled-coil protein that interacts, via its carboxy terminus, with catenins and with the protein, EB1. This 30 kDa protein was discovered as a result of its strong binding to the C-terminal domain of APC. Like the APC-binding proteins β -Catenin and pp120Cas, EB1 may play an essential role in modulating APC activity and tumorigenesis.

Keywords

EB1; End binding protein 1
