



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

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
