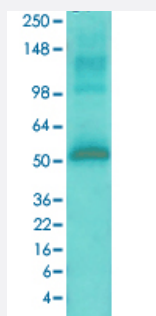


Camk2a monoclonal antibody, clone 6G9 (FITC)

Catalog # MAB16758 Size 100 ug

Applications



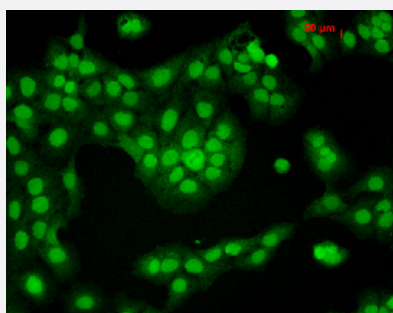
Western Blot (Tissue lysate)

Western Blot analysis of rat brain membrane lysate with Camk2a monoclonal antibody, clone 6G9 (FITC) (Cat # MAB16758).



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining (Formalin-fixed paraffin-embedded sections) of human colon cancer with Camk2a monoclonal antibody, clone 6G9 (FITC) (Cat # MAB16758).



Immunocytochemistry

Immunocytochemical staining of HaCaT with Camk2a monoclonal antibody, clone 6G9 (FITC) (Cat # MAB16758).

Specification

Product Description

Mouse monoclonal antibody raised against rat Camk2a.

Immunogen

Partially purified rat Camk2a.

Host	Mouse
Reactivity	Rat
Form	Liquid
Conjugation	FITC
Purification	Protein G purification
Isotype	IgG1
Recommend Usage	ELISA Immunocytochemistry (1:50) Immunofluorescence (1:50) Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) (1:2000) Immunoprecipitation Radioimmunoassay Western Blot (1:10000) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH 7.4 (50% glycerol, 0.09% sodium azide).
Storage Instruction	Store at -20°C.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot (Tissue lysate)

Western Blot analysis of rat brain membrane lysate with Camk2a monoclonal antibody, clone 6G9 (FITC) (Cat # MAB16758).

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining (Formalin-fixed paraffin-embedded sections) of human colon cancer with Camk2a monoclonal antibody, clone 6G9 (FITC) (Cat # MAB16758).

- Immunocytochemistry

Immunocytochemical staining of HaCaT with Camk2a monoclonal antibody, clone 6G9 (FITC) (Cat # MAB16758).

- Immunofluorescence

- Immunoprecipitation

- Enzyme-linked Immunoabsorbent Assay

- Radioimmunoassay

Gene Info — Camk2a

Entrez GeneID	25400
Protein Accession#	P11275
Gene Name	Camk2a
Gene Alias	PK2CDD, PKCCD
Gene Description	calcium/calmodulin-dependent protein kinase II alpha
Gene Ontology	Hyperlink
Other Designations	Ca ²⁺ /calmodulin-dependent protein kinase II alpha alpha CaM kinase II calcium/calmodulin-dependent protein kinase (CaM kinase) II alpha calcium/calmodulin-dependent protein kinase II alpha subunit

Publication Reference

- [Calmodulin-dependent kinase II mediates T cell receptor/CD3- and phorbol ester-induced activation of I kappa B kinase.](#)

Hughes K, Edin S, Antonsson A, Grundström T.

The Journal of Biological Chemistry 2001 Sep; 276(38):36008.