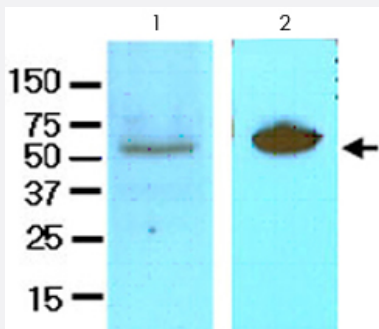


DACT3 monoclonal antibody, clone 2A5

Catalog # MAB2064

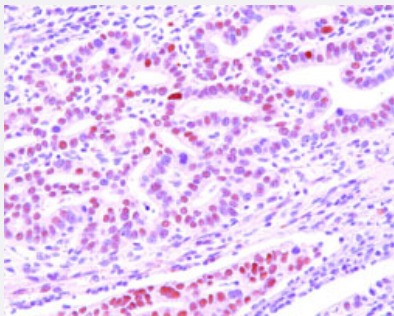
Size 100 uL

Applications



Western Blot

Western blot analysis of Lane 1: mouse brain tissue lysate, Lane 2: 293T cell lysate.



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

Immunohistochemistry of human gastric cancer tissue were incubated with DACT3 monoclonal antibody, clone 2A5 (1:50) for 2 hours at room temperature. Antigen retrieval was performed in 0.1 M sodium citrate buffer and detected using Diaminobenzidine (DAB).

Specification

Product Description	Mouse monoclonal antibody raised against partial recombinant DACT3.
Immunogen	Recombinant protein corresponding to amino acids 89-202 of human DACT3.
Host	Mouse
Reactivity	Human, Mouse
Form	Liquid
Purification	Protein G purification
Isotype	IgG1, kappa

Quality Control Testing	Antibody Reactive Against Recombinant Protein.
Recommend Usage	ELISA Immunofluorescence Western Blot The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH 7.4 (10% glycerol, 0.02% sodium azide).
Storage Instruction	Store at 2°C to 8°C for 1 week. For long term storage, aliquot and store at -20°C to -80°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot

Western blot analysis of Lane 1: mouse brain tissue lysate, Lane 2: 293T cell lysate.

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

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- Enzyme-linked Immunoabsorbent Assay

Gene Info — DACT3

Entrez GeneID	147906
Protein Accession#	NP_659493
Gene Name	DACT3
Gene Alias	MGC15476, RRR1
Gene Description	dapper, antagonist of beta-catenin, homolog 3 (Xenopus laevis)
Omim ID	611112
Gene Ontology	Hyperlink
Gene Summary	antagonist of beta-catenin

Other Designations

arginine rich region 1|thymus expressed gene 3-like

Publication Reference

- [DACT3 is an epigenetic regulator of Wnt/beta-catenin signaling in colorectal cancer and is a therapeutic target of histone modifications.](#)

Jiang X, Tan J, Li J, Kivimäe S, Yang X, Zhuang L, Lee PL, Chan MT, Stanton LW, Liu ET, Cheyette BN, Yu Q.

Cancer Cell 2008 Jun; 13(6):529.

- [Three Dact gene family members are expressed during embryonic development and in the adult brains of mice.](#)

Fisher DA, Kivimäe S, Hoshino J, Suriben R, Martin PM, Baxter N, Cheyette BN.

Developmental Dynamics 2006 Sep; 235(9):2620.