

Datasheet for ABIN2718394
anti-CDK5 antibody

3 Images



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Overview

Quantity:	0.1 mL
Target:	CDK5
Reactivity:	Human, Dog
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This CDK5 antibody is un-conjugated
Application:	Western Blotting (WB), Flow Cytometry (FACS), Immunofluorescence (IF)

Product Details

Immunogen:	Full length human recombinant protein of human CDK5 (NP_004926) produced in HEK293T cell.
Clone:	2H6
Isotype:	IgG1
Purification:	Purified from mouse ascites fluids by affinity chromatography

Target Details

Target:	CDK5
Alternative Name:	CDK5 (CDK5 Products)
Molecular Weight:	33.3 kDa
Gene ID:	1020

Target Details

NCBI Accession:	NM_004935
HGNC:	1020
Pathways:	Cell Division Cycle, Regulation of Muscle Cell Differentiation, Synaptic Membrane, Regulation of Cell Size, Skeletal Muscle Fiber Development, Synaptic Vesicle Exocytosis

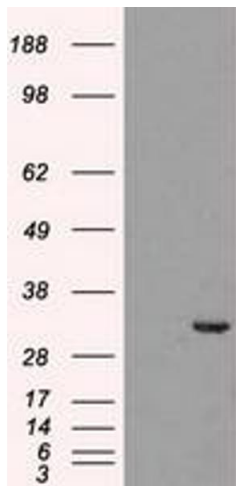
Application Details

Application Notes:	WB 1:1000~2000, IF 1:50~100, FLOW 1:100,
Comment:	The concentration of the product may vary between diferrent lots.
Restrictions:	For Research Use only

Handling

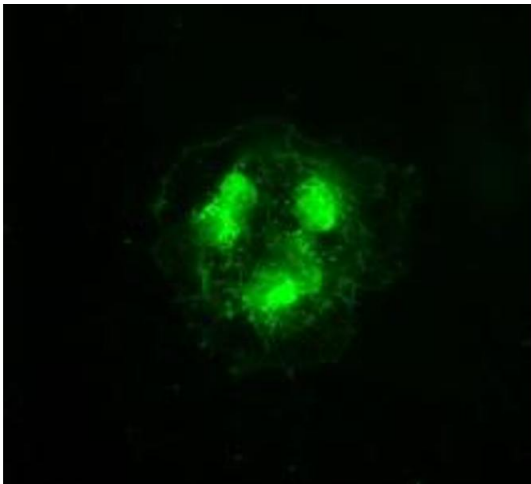
Format:	Liquid
Concentration:	0.5-1.0 mg/mL
Buffer:	PBS (pH 7.3) containing 1 % BSA, 50 % glycerol and 0.02 % sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Images



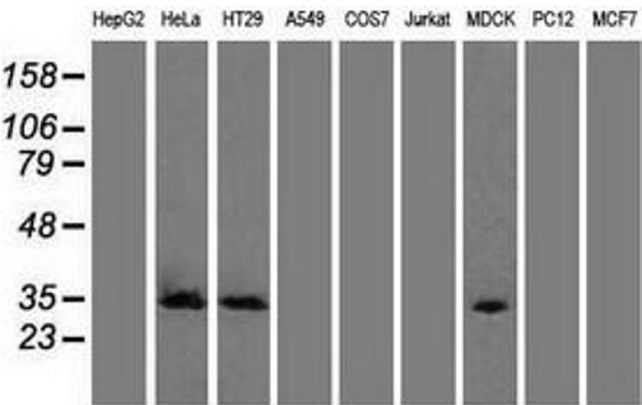
Western Blotting

Image 1. HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY CDK5 (Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 µg per lane) were separated by SDS-PAGE and immunoblotted with anti-CDK5.



Immunofluorescence

Image 2. Anti-CDK5 mouse monoclonal antibody (ABIN2452276) immunofluorescent staining of COS7 cells transiently transfected by pCMV6-ENTRY CDK5 (RC200342).



Western Blotting

Image 3. Western blot analysis of extracts (35 µg) from 9 different cell lines by using anti-CDK5 monoclonal antibody.