Rabbit Anti-Human CDK6 monoclonal antibody, clone TE31-61 (CABT-L783)

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

PRODUCT INFORMATION

Target	Cdk6
Immunogen	Recombinant protein
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human
Clone	TE31-61
Purification	Protein A purified.
Conjugate	Unconjugated
Applications	WB, ICC/IF, IHC, FC
Molecular Weight	37 kDa
Cellular Localization	Cytoplasm, Nucleus, Cell projection.
Positive Control	SW480, 293, Hela, Jurkat, K562, human tonsil tissue, human colon cancer tissue.
Format	Liquid
Size	100 µl
Buffer	1×TBS (pH7.4), 1% BSA, 40% Glycerol.
Preservative	0.05% Sodium Azide

Storage	Store at +4°C after thawing. Aliquot store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.

BACKGROUND

Introduction	Cell cycle progression is controlled in part by a family of cyclin proteins and cyclin dependent kinases (Cdks). Cdk proteins work in concert with the cyclins to phosphorylate key substrates involved in each phase of cell cycle progression. Another family of proteins, Cdk inhibitors, also plays a role in regulating the cell cycle by binding to cyclin-Cdk complexes and modulating their activity. Several Cdk proteins have been identified, including Cdk2-Cdk8, PCTAIRE-1-PCTAIRE-3, PITALRE and PITSLRE. Cdk6 is known to associate with cyclins D1, D2 and D3 and to be involved with the G1/S transition of the cell cycle. Multiple inhibitors of Cdk6 have been identified, including p18 and p19. These inhibitors bind to both free and complexed Cdk6, and they inhibit the activity of the cyclin D-bound Cdk6.
Keywords	CDK 6;CDK6;CDK6_HUMAN;Cell division protein kinase 6;Crk 2;Crk2;Cyclin dependent kinase 6;Cyclin-dependent kinase 6;MGC59692;p40;PLSTIRE;Serine/threonine protein kinase PLSTIRE;Serine/threonine-protein kinase PLSTIRE;STQTL11 antibody

GENE INFORMATION

Entrez Gene ID	1021
UniProt ID	Q00534