



Anti-CDKN2D monoclonal antibody, clone DCS100.1 (CABT-52795MH)

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

PRODUCT INFORMATION

Product Overview	This product recognises human p19ink4d, a 19kD tumour suppressor protein which is a specific inhibitor of cdk4/cdk6. p19ink4d is periodically expressed during the cell cycle. Maximum induction of p19ink4d occurs as cells enter S phase. * Clone DCS100.1 co-precipitates cdk4/cdk6 in immunoprecipitation studies.
Specificity	CDKN2D
Immunogen	Full length recombinant p19-His tagged
Isotype	IgG1
Source/Host	Mouse
Species Reactivity	Human
Clone	DCS100.1
Conjugate	Unconjugated
Applications	IHC-Fr; IP; WB
Format	Purified IgG - liquid
Size	100 µg
Preservative	None
Storage	in frost free freezers is not recommended. Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use.

GENE INFORMATION

Gene Name	CDKN2D cyclin-dependent kinase inhibitor 2D (p19, inhibits CDK4) [Homo sapiens (human)]
Official Symbol	CDKN2D
Synonyms	CDKN2D; cyclin-dependent kinase inhibitor 2D (p19, inhibits CDK4); p19; INK4D; p19-INK4D; cyclin-dependent kinase 4 inhibitor D; CDK inhibitor p19INK4d; inhibitor of cyclin-dependent kinase 4d; cyclin-dependent kinase 4 inhibitor D p19; cell cycle inhibit
Entrez Gene ID	1032
Protein Refseq	NP_001791
UniProt ID	P55273
Chromosome Location	19p13
Pathway	Cell Cycle; Cell Cycle, Mitotic; Cell cycle; Cellular Senescence; Cellular responses to stress; Cyclin D associated events in G1; FoxO signaling pathway; G1 Phase;
Function	cyclin-dependent protein serine/threonine kinase inhibitor activity; protein binding; protein kinase binding;