



Anti-CCND3 monoclonal antibody, clone DCS-22 (CABT-52776MH)

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

PRODUCT INFORMATION

Product Overview	Mouse anti Human Cyclin D3 antibody, clone DCS-22 recognizes human G1/S-specific cyclin-D3, also known as CCND3. Cyclin D3 is a 292 amino acid ~34kDa regulatory protein affecting the cell cycle during the G1/S transition. Cyclin D3 is expressed in the G1 phase of the cell cycle, but after cyclin D1. Mouse anti Human Cyclin D3 antibody, clone DCS-22 has been used for the detection of cyclin D3 in canine tissues using immunofluorescence and western blotting.
Specificity	CCND3
Immunogen	Recombinant human cyclin D3.
Isotype	IgG1
Source/Host	Mouse
Species Reactivity	Human
Clone	DCS-22
Conjugate	Unconjugated
Applications	IHC-Fr; IF; IHC-P; WB
Format	Tissue Culture Supernatant - lyophilised
Size	1 ml
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	CCND3 cyclin D3 [Homo sapiens (human)]
Official Symbol	CCND3
Synonyms	CCND3; cyclin D3; G1/S-specific cyclin-D3; D3-type cyclin; G1/S-specific cyclin D3;
Entrez Gene ID	896
Protein Refseq	NP_001129489
UniProt ID	P30281
Chromosome Location	6p21
Pathway	B Cell Receptor Signaling Pathway; Cell Cycle; Cell Cycle, Mitotic; Cell cycle; Cell cycle - G1/S transition; Coregulation of Androgen receptor activity; Cyclin D associated events in G1; DNA damage response;
Function	cyclin-dependent protein serine/threonine kinase activity; protein binding; protein kinase binding;