

KD-Validated Anti-Cell Division Cycle 123 Mouse Monoclonal Antibody

Mouse monoclonal antibody

Catalog # AGI1912

Product Information

Application	WB, FC
Primary Accession	O75794
Reactivity	Human
Clonality	Monoclonal
Isotype	Mouse IgG2b
Clone Names	24GB5705
Calculated MW	39135
Gene Name	CDC123
Aliases	CDC123; Cell Division Cycle 123; D123; Cell Division Cycle Protein 123 Homolog; C10orf7; HT-1080; PZ32; Cell Division Cycle 123 Homolog (S. Cerevisiae); Chromosome 10 Open Reading Frame 7; Cell Division Cycle 123 Homolog; Protein D123; C10ORF7
Immunogen	Recombinant protein of human CDC123

Additional Information

Gene ID	8872
Other Names	Translation initiation factor eIF2 assembly protein, Cell division cycle protein 123 homolog, Protein D123, HT-1080, PZ32, CDC123, C10orf7, D123

Protein Information

Name	CDC123
Synonyms	C10orf7, D123
Function	ATP-dependent protein-folding chaperone for the eIF2 complex (PubMed: 35031321 , PubMed: 37507029). Binds to the gamma subunit of the eIF2 complex which allows the subunit to assemble with the alpha and beta subunits (By similarity).
Cellular Location	Cytoplasm {ECO:0000250 UniProtKB:Q62834}.
Tissue Location	Widely expressed. Expressed in spleen, thymus, prostate, testis, ovary, small intestine, colon and leukocytes with the highest expression in testis.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.