

CDC123 Antibody (clone 4B9)
Mouse Monoclonal Antibody
Catalog # ALS13448**Specification**

CDC123 Antibody (clone 4B9) - Product Information

Application	IHC
Primary Accession	O75794
Reactivity	Human
Host	Mouse
Clonality	Monoclonal
Calculated MW	39kDa KDa

CDC123 Antibody (clone 4B9) - Additional Information**Gene ID** 8872**Other Names**

Cell division cycle protein 123 homolog, Protein D123, HT-1080, PZ32, CDC123, C10orf7, D123

Reconstitution & Storage

Store at -20°C. Aliquot to avoid freeze/thaw cycles.

Precautions

CDC123 Antibody (clone 4B9) is for research use only and not for use in diagnostic or therapeutic procedures.

CDC123 Antibody (clone 4B9) - 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

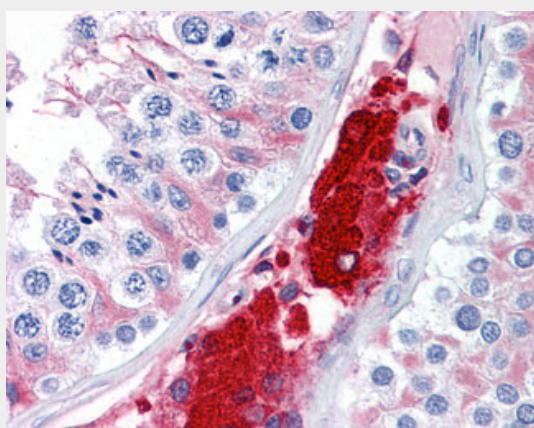
Widely expressed. Expressed in spleen, thymus, prostate, testis, ovary, small intestine, colon and leukocytes with the highest expression in testis.

CDC123 Antibody (clone 4B9) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

CDC123 Antibody (clone 4B9) - Images



Anti-CDC123 antibody IHC of human testis.

CDC123 Antibody (clone 4B9) - Background

Required for S phase entry of the cell cycle.

CDC123 Antibody (clone 4B9) - References

- Okuda A.,et al.Exp. Cell Res. 223:242-249(1996).
Onisto M.,et al.Exp. Cell Res. 242:451-459(1998).
Ebert L.,et al.Submitted (JUN-2004) to the EMBL/GenBank/DDBJ databases.
Ota T.,et al.Nat. Genet. 36:40-45(2004).
Deloukas P.,et al.Nature 429:375-381(2004).