10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

Anti-CDC123 Rabbit Monoclonal Antibody

Catalog # ABO15905

Specification

Anti-CDC123 Rabbit Monoclonal Antibody - Product Information

Application	**WB, IP, FC**
Primary Accession	O75794
Host	**Rabbit**
Isotype	**IgG**
Reactivity	**Rat, Human, Mouse**
Clonality	**Monoclonal**
Format	**Liquid**

Description
Anti-CDC123 Rabbit Monoclonal Antibody . Tested in WB, IP, Flow Cytometry applications. This antibody reacts with Human, Mouse, Rat.

Anti-CDC123 Rabbit Monoclonal Antibody - 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

Calculated MW
45 kDa KDa

Application Details
WB 1:500-1:2000
IP 1:50
FC 1:50

Contents
Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol, 0.4-0.5mg/ml BSA.

Immunogen
A synthesized peptide derived from human CDC123

Purification
Affinity-chromatography

Storage	**Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.**

Anti-CDC123 Rabbit Monoclonal Antibody - 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}.

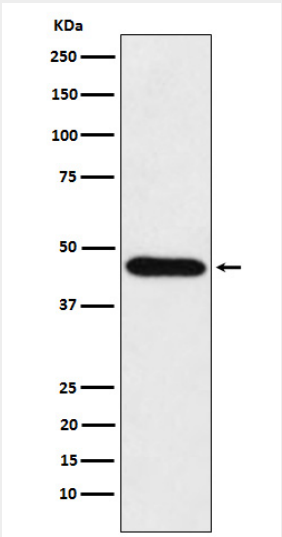
Tissue Location
Widely expressed. Expressed in spleen, thymus, prostate, testis, ovary, small intestine, colon and leukocytes with the highest expression in testis.

Anti-CDC123 Rabbit Monoclonal Antibody - Protocols

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

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

Anti-CDC123 Rabbit Monoclonal Antibody - Images



Western blot analysis of CDC123 expression in HeLa cell lysate.