ABclonal Technology®

www.abclonal.com

CDC25B Rabbit mAb

Catalog No.: A9758 **Recombinant** **2 Publications**

Basic Information

Observed MW
60kDa

Calculated MW
65kDa

Category
Primary antibody

Applications
ELISA,WB,IHC-P

Cross-Reactivity
Human

CloneNo number
ARC1736

Background

CDC25B is a member of the CDC25 family of phosphatases. CDC25B activates the cyclin dependent kinase CDC2 by removing two phosphate groups and it is required for entry into mitosis. CDC25B shuttles between the nucleus and the cytoplasm due to nuclear localization and nuclear export signals. The protein is nuclear in the M and G1 phases of the cell cycle and moves to the cytoplasm during S and G2. CDC25B has oncogenic properties, although its role in tumor formation has not been determined. Multiple transcript variants for this gene exist.

Recommended Dilutions

WB	1:500 - 1:1000
IHC-P	1:50 - 1:200

Immunogen Information

Gene ID
994

Swiss Prot
P30305

Immunogen
A synthetic peptide corresponding to a sequence within amino acids 100-200 of human CDC25B (P30305).

Synonyms
CDC25B; cell division cycle 25B

Contact

🌐 | www.abclonal.com

Product Information

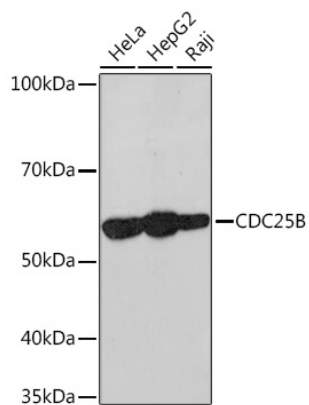**Source**
Rabbit

Isotype
IgG

Purification
Affinity purification

Storage
Store at -20℃. Avoid freeze / thaw cycles.
Buffer: PBS with 0.02% sodium azide,0.05% BSA,50% glycerol,pH7.3.

Validation Data

Western blot analysis of extracts of various cell lines, using CDC25B Rabbit mAb (A9758) at 1:1000 dilution.
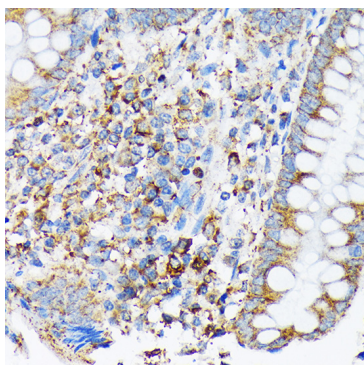Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
Lysates/proteins: 25μg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit (RM00020).
Exposure time: 10s.

Immunohistochemistry analysis of paraffin-embedded human appendix using CDC25B Rabbit mAb (A9758) at dilution of 1:100 (40x lens).Perform microwave antigen retrieval with 10 mM Tris/EDTA buffer pH 9.0 before commencing with IHC staining protocol.