Anti-Cdc20 Antibody (CDC20/1102)

CATALOG NO: A1572-100

ALTERNATIVE NAMES: CDC20, CDC20A, p55CDC, P55CDC-LSB, Cell division cycle

protein 20 homolog

AMOUNT: 100 μg

IMMUNOGEN: Recombinant human Cdc20 protein

HOST/ISOTYPE: Mouse / IgG1, kappa

CLONALITY: Monoclonal

CLONE: CDC20/1102

MOL WEIGHT: 55 kDa

SPECIES REACTIVITY: Human

PURIFICATION: Protein A/G purified

FORM: Liquid

FORMULATION: Supplied in 10 mM PBS with 0.05% BSA & 0.05% azide

STORAGE CONDITIONS: Shipped at 4°C. Long term storage at -20°C.

DESCRIPTION: Cyclins, regulatory subunits, which associate with kinases, control

many of the important steps in cell cycle progression. The Cdc2 protein kinase (p34Cdc2) exhibits protein kinase activity in vitro and exists in a complex with both cyclin B and a protein homologous to p13SUC1. Cdc2 kinase is the active subunit of the M phase promoting factor (MPF) and the M phase-specific Histone H1 kinase. The p34Cdc2/cyclin B complex is required for the G2 to M transition. An additional cell cycle-dependent protein kinase, termed p55cdc, exhibits a high degree of homology with the S. cerevisiae proteins Cdc20 and Cdc4. The p55cdc transcript is readily detectable in a variety of cultured cell lines in growth phase,

but disappears when cell growth is chemically arrested.

APPLICATION: FC: 0.5-1 µg/1X10⁶ cells in 0.1ml

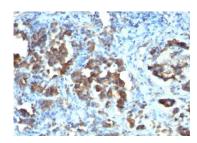
IF: 0.5-1 μg/ml

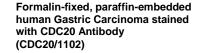
IHC: 2-4 µg/ml for 30 minutes at RT

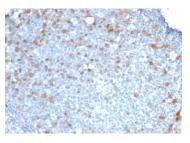
(Staining of formalin-fixed tissues requires boiling tissue sections in 10 mM Citrate Buffer, pH 6.0, for 10-20 min followed by cooling at

RT for 20 minutes)

Note: This information is only intended as a guide. The optimal dilutions must be determined by the user.







Formalin-fixed, paraffin-embedded human Tonsil stained with CDC20 Antibody (CDC20/1102)

RELATED PRODUCTS:

- Anti-KIAA1967 Antibody (3G4-D11-D7) (Cat. No. A1336)
- MCM2 Antibody (Cat. No. 3758)
- MLS-573151 (Cat. No. 1929)
- Influenza Neuraminidase Inhibitor Susceptibility Assay Kit (Cat. No. K524)
- Phospho-Cdc2 (Tyr15) Antibody (Cat. No. A1256)
- Phospho-Cdc2 (Thr161) Antibody (Cat. No. A1255)
- Phospho-Cdk1/2/3 (Thr14) Antibody (Cat. No. A1260)
- PIM1 Antibody (Cat. No. 3787R)
- Pim 1, Active (Cat. No. 7442)
- PAK4, Active (Cat. No. 7707)

FOR RESEARCH USE ONLY! Not to be used on humans.

