

## Datasheet for ABIN6936871 **anti-CDC20 antibody**



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### Overview

Quantity:	100 µg
Target:	CDC20
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This CDC20 antibody is un-conjugated
Application:	Flow Cytometry (FACS), Immunofluorescence (IF), Immunohistochemistry (Formalin-fixed Sections) (IHC (f))

### Product Details

Immunogen:	Urea-denatured His6 Cdc20 human recombinant protein
Clone:	AR12
Isotype:	IgG1 kappa
Specificity:	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 <i>S. cerevisiae</i> 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.

## Product Details

Cross-Reactivity (Details): Human.

Purification: 1.0mg/ml of Ab purified from Bioreactor by Protein A/G.

## Target Details

Target: CDC20

Alternative Name: CDC20 ([CDC20 Products](#))

Background: CDC20, CDC20A, p55CDC, P55CDC-LSB,Cdc20 (Cell Division Cycle Protein 20)  
Cellular localisation: Cytoplasmic

Molecular Weight: 55kDa

Gene ID: 991, 524947

UniProt: [Q12834](#)

## Application Details

Application Notes: Known\_Application: Flow Cytometry (1-2 µg/million cells), Immunofluorescence (1-2 µg/mL), Immunohistochemistry (Formalin-fixed) (1-2 µg/mL for 30 minutes at RT)(Staining of formalin-fixed tissues requires heating tissue sections in 10 mM Tris with 1 mM EDTA, pH 9.0, for 45 min at 95&degC followed by cooling at RT for 20 minutes), Optimal dilution for a specific application should be determined.  
Positive\_Control: Ramos or HeLa cells. Tonsil or gastric carcinoma.

Restrictions: For Research Use only

## Handling

Concentration: 1.0 mg/mL

Buffer: Prepared in 10 mM PBS, WITHOUT BSA and Azide.

Preservative: Azide free

Storage: -20 °C,-80 °C

Storage Comment: Antibody without azide store at -20 to -80 °C. Antibody is stable for 24 months. Non-hazardous.

Expiry Date: 24 months