

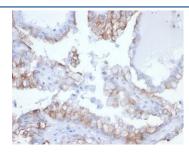
# Recombinant Cdc20 Antibody [clone rCDC20/7184] (V9429)

Catalog No.	Formulation	Size
V9429-100UG	0.2~mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide	100 ug
V9429-20UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide	20 ug
V9429SAF-100UG	1 mg/ml in 1X PBS; BSA free, sodium azide free	100 ug

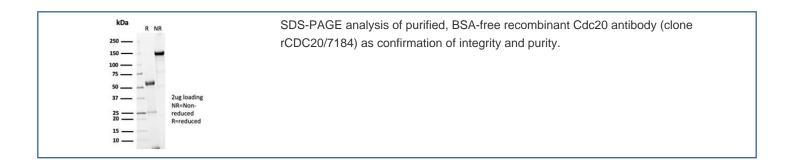
## Recombinant MOUSE MONOCLONAL

## **Bulk quote request**

Availability	1-3 business days
Species Reactivity	Human
Format	Purified
Clonality	Recombinant Mouse Monoclonal
Isotype	Mouse IgG1, kappa
Clone Name	rCDC20/7184
Purity	Protein A/G affinity
UniProt	Q12834
Localization	Cytoplasm
Applications	Immunohistochemistry (FFPE) : 1-2ug/ml
Limitations	This recombinant Cdc20 antibody is available for research use only.



IHC staining of FFPE human kidney cancer tissue with recombinant Cdc20 antibody (clone rCDC20/7184) at 2ug/ml. HIER: boil tissue sections in pH 9 10mM Tris with 1mM EDTA for 20 min and allow to cool before testing.



### **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 Notes**

Optimal dilution of the recombinant Cdc20 antibody should be determined by the researcher.

#### **Immunogen**

Recombinant human Cdc20 protein was used as the immunogen for the recombinant Cdc20 antibody.

#### **Storage**

Aliquot the recombinant Cdc20 antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.