

AbboMax, Inc

Innovation at Work

Rabbit anti CD133 Antibody

Alternate Names: AC133, Prominin 1

ANTIGEN PREPARATION

A 18aa synthetic peptide corresponding to C-terminus human CD133.

PURIFICATION

The Rabbit IgG is purified by Epitope affinity purification

FORMULATION

This affinity purified antibody is supplied in sterile Phosphate-buffered saline (pH7.2) containing antibody stabilizer.

STORAGE

The antibodies are stable for 12 months from date of receipt when stored at -20°C to -70°C . Upon initial thawing, apportion into working aliquots and store at -70°C for up to six months. The antibodies can be stored at 2°C - 8°C for one month without detectable loss of activity. Avoid repeated freezing-thawing cycles.

SPECIFICITY

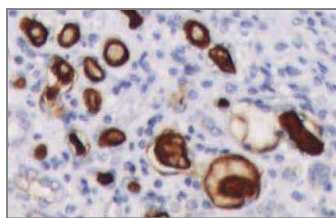
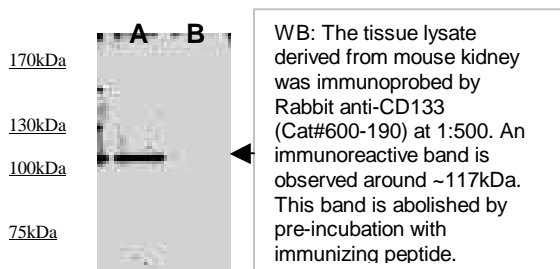
This antibody recognizes ~97 kDa of mouse or rat CD133 protein from mouse embryonic stem cells lysates by Western blot. This antibody reacts with human, rat and mouse. The other species are not tested.

APPLICATIONS AND SUGGESTED WORKING DILUTIONS

Western Blot	0.1-1 $\mu\text{g/ml}$
ELISA	0.01-0.1 $\mu\text{g/ml}$
Immunoprecipitation	2-5 $\mu\text{g/ml}$
IHC	2-5 $\mu\text{g/ml}$
Flow cytometry	10-20 μg per 10^6 cells

Optimal dilutions should be determined by researchers for the specific applications.

MOLECULAR WEIGHT: 117kDa (Predicted at 97 kDa)
POSITIVE CONTROL: Kidney tissue
CELLULAR LOCATION: cell membrane



Human kidney tissue stained with Anti-CD133 antibody, (Cat# 600-190) at 1:100 for 10 min @ RT. Staining of formalin-fixed tissue requires boiling tissue sections in 10 mM Citrate Buffer, pH 6.0 for 10 min followed by cooling at RT for 20 min.

FOR RESEARCH USE ONLY.

Order Information

Description: Rabbit anti CD133
Catalogue#: 600-190
Lot#: See the label
Size: 100 $\mu\text{g}/200$ ul
Host: Rabbit
Clone: N/A
Application: ELISA, WB, IP, IF
Reactivity: Hu/Rt/Ms