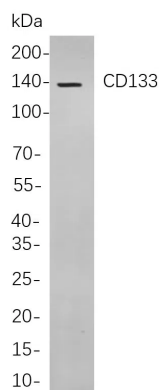


| | |
|--------------------------|--|
| Product name: | CD133 Rabbit Monoclonal Antibody |
| Cat number: | MABN21592 |
| Conjugate: | Unconjugated |
| Size: | 100ul |
| Concentration: | 1mg/ml |
| Host: | Rabbit |
| Isotype: | IgG,Kappa |
| Immunogen: | Recombinant protein of human CD133 |
| Reactivity: | Human |
| Applications: | WB 1:1000-1:5000,IHC 1:20-1:100,ICC/IF 1:200-1:1000,ELISA 1:5000-1:20000,IP 1:50-1:200 |
| Molecular Weight: | Calculated MW:97kD;Observed MW:133kD |
| Purification: | Affinity purification |
| Form: | Liquid |
| Buffer: | PBS, 50% glycerol, 0.05% Proclin 300, 0.05%protective protein |
| Storage: | Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles. |
| Synonyms: | PROM1;Prominin-1;Antigen AC133;Prominin-like protein 1;CD133 |
| Source: | Rabbit |
| Background: | Cell localization:Membranous.This gene encodes a pentaspan transmembrane glycoprotein. The protein localizes to membrane protrusions and is often expressed on adult stem cells, where it is thought to function in maintaining stem cell properties by suppressing differentiation. Mutations in this gene have been shown to result in retinitis pigmentosa and Stargardt disease. Expression of this gene is also associated with several types of cancer. This gene is expressed from at least five alternative promoters that are expressed in a tissue-dependent manner. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Mar 2009], |

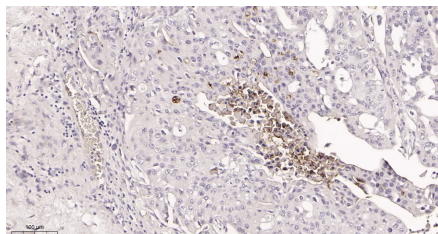
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Web-site: <https://immunologicalsciences.com> - E-mail: info@immunologicalsciences.com



Western blot analysis of lysates from Caco-2 cells, using CD133 Rabbit mAb. The HRP-conjugated Goat anti-Rabbit IgG antibody was used to detect the antibody.



Immunohistochemical analysis of paraffin-embedded human bladder carcinoma tissue. 1, CD133 Rabbit Monoclonal Antibody was diluted at 1:200(4°C,overnight). 2, EDTA pH 9.0 was used for antibody retrieval(>98°C,20min). 3,Secondary antibody was diluted at 1:200(room temperature, 30min).

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