

# CD133 Monoclonal Antibody

Catalog Number: E-AB-70172



**Note:** Centrifuge before opening to ensure complete recovery of vial contents.

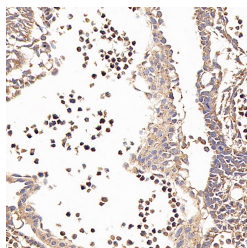
## Description

<b>Reactivity</b>	Rat
<b>Immunogen</b>	KLH conjugated Synthetic peptide corresponding to Mouse CD133
<b>Host</b>	Mouse
<b>Isotype</b>	IgG
<b>Clone</b>	9G9D8
<b>Purification</b>	Affinity purification
<b>Conjugation</b>	Unconjugated
<b>Formulation</b>	PBS with 0.02% sodium azide, 1% protective protein and 50% glycerol, pH7.4

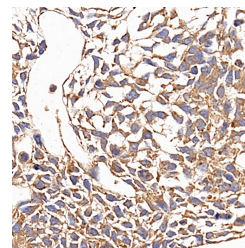
## Applications Recommended Dilution

<b>IHC</b>	1:200-1:800
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## Data



Immunohistochemistry analysis of paraffin-embedded fetal rat using CD133 Monoclonal Antibody at dilution of 1:200.



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## Preparation & Storage

**Storage** Store at -20°C. Avoid freeze / thaw cycles.

## Background

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.

## For Research Use Only

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