

CD133 Polyclonal Antibody

Catalog Number:E-AB-16223



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

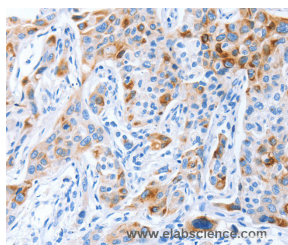
Description

| | |
|---------------------|-----------------------------------------------------|
| Reactivity | Human,Mouse |
| Immunogen | Synthetic peptide of human PROM1 |
| Host | Rabbit |
| Isotype | IgG |
| Purification | Affinity purification |
| Conjugation | Unconjugated |
| Formulation | PBS with 0.05% sodium azide and 50% glycerol, PH7.4 |

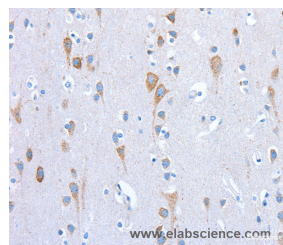
Applications Recommended Dilution

| | |
|------------|------------|
| IHC | 1:50-1:200 |
|------------|------------|

Data



Immunohistochemistry of paraffin-embedded Human lung cancer tissue using CD133 Polyclonal Antibody at dilution 1:70



Immunohistochemistry of paraffin-embedded Human brain tissue using CD133 Polyclonal Antibody at dilution 1:70

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.

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