CD133 antibody (FITC)
orb15325

Description
CD133, also called Prominin-1, is a product of a single-copy gene on chromosome 4 (4p15.33) in human or chromosome 5 (5b3) in mice. Human CD133 is a transmembrane glycoprotein of 865 amino acids with a total molecular weight of 120 kDa. This protein consists of an N-terminal extracellular domain, five transmembrane domains with two large extracellular loops, and a 59 amino acids cytoplasmic tail [4]. It is selectively localized in microvilli and other plasma membrane protrusions [5,6]. In general, CD133 positive and CD133 negative cells display different characters.

Species/Host
Rabbit

Reactivity
Human, Mouse, Rat

Conjugation
FITC

Tested Applications
ICC, IF, IHC-P

Target
CD133 (FITC)

Form/Appearance
10 mM PBS, 0.02% sodium azide

Concentration
- 100 ?g (in 200 ?l): 0.5 mg/ml

Storage
Store at 4°C for up to two weeks. For long term storage, aliquot and store at -20°C, avoid freeze/thaw cycles.

Note
For research use only.

Isotype
IgG

Clonality
Polyclonal

Purity
Immunogen affinity purified

MW
95 kDa

Uniprot ID
O43490 (Human); O54990 (Mouse)

NCBI
NP_001139319.11; NM_001145847.11

Entrez
8842

Dilution Range
IF/ICC: 1:50-100

Expiration Date
12 months from date of receipt.