Affinity Biosciences
website:www.affbiotech.com
order:order@affbiotech.com

CD133 Ab

References(11)　　Images(11)

Cat.#: AF5120	Concn.: ~1mg/ml	Mol.Wt.: 97 kDa
Size:	Source: Rabbit	Clonality: Polyclonal

Application:　　　　　WB 1:500-1:2000, IHC 1:50-1:200, IF/ICC 1:200
*The optimal dilutions should be determined by the end user.

Reactivity:　　　　　Human,Mouse,Rat

Storage:　　　　　Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at -20 °C. Stable for 12 months from date of receipt.

Purification:　　　　The antiserum was purified by peptide affinity chromatography using SulfoLink™ Coupling Resin (Thermo Fisher Scientific).

Immunogen:　　　　A synthesized peptide derived from human CD133, corresponding to a region within N-terminal amino acids.

Uniprot:　　　　　O43490

Description:　　　　CD133, originally known as AC133. CD133 is a glycoprotein also known in humans and rodents as Prominin 1 (PROM1). Currently the function of CD133 is unknown. It is a member of pentaspan transmembrane glycoproteins (5-transmembrane, 5-TM), which specifically localize to cellular protrusions. CD133 is expressed in hematopoietic stem cells
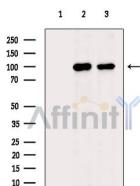
Western blot analysis of extracts from various samples, using CD133 Ab.
 Lane 1: Hepg2 cells(heat-shock treatment), blocked with antigen-specific peptides.
 Lane 2: Hepg2 cells(heat-shock treatment).
 Lane 3: Hela cells(heat-shock treatment).
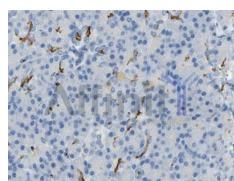
AF5120 at 1/100 staining human testis by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the Ab for 1.5 hours at 22°C. An HRP conjugated goat anti-rabbit Ab was used as the secondary Ab.

IMPORTANT: For western blot, incubate membrane with diluted primary Ab in 5% w/v milk , 1X TBS, 0.1% Tween®20 at 4°C with gentle shaking,

Affinity Biosciences
website:www.affbiotech.com
order:order@affbiotech.com

overnight.