003216589045 (EU)
0203393 8531 (UK)
(408)780-0908 (US)
info@gentaur.com
www.caslab.com

CD45 Polyclonal Antibody

Cat #: G-AB-05501

Host: Rabbit **Reactivity:** Human, Mouse

Isotype: IgG **Clonality:** Polyclonal

Overview:
CD45,also known as leukocyte common antigen (LCA),B220,and T200,is a 180-240 kD single chain type I membrane glycoprotein. It is a tyrosine phosphatase expressed on the plasma membrane of all hematopoietic cells,except erythrocytes and platelets. CD45 is a signaling molecule that regulates a variety of cellular processes including cell growth,differentiation,cell cycle,and oncogenic transformation. CD45 is one of the best negative selection markers for characterizing and/or isolating human mesenchymal stem cells from bone marrow and other sources. Along with the positive selection markers (such as CD29,CD44,CD90,CD105 and CD166),negative selection markers (such as CD34 and CD45) are used for MSC identification.

Gene ID:

Accession #:

Immunogen: Recombinant protein corresponding to Mouse Human CD45.

Conjugation: Unconjugated

Swissprot: P08575,P06800

Calculated Molecular Weight: 146 kDa

Observed Molecular Weight: 180-240 kDa

Concentration: 1.15 mg/mL

Buffer: PBS with 0.02% sodium azide, 1% BSA and 50% glycerol, pH7.4

Purification Method: Affinity purification

Application: WB

Dilution: WB 1:500-1:2000

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