CD45 Polyclonal Antibody

catalog number: **E-AB-70378**

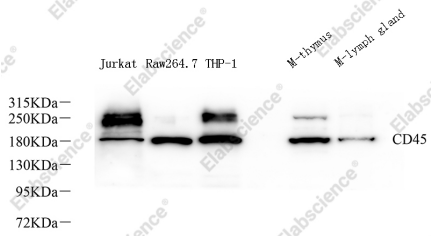
Note: *Centrifuge before opening to ensure complete recovery of vial contents.*

Description

Reactivity	Human;Mouse
Immunogen	Recombinant protein corresponding to Mouse Human CD45.
Host	Rabbit
Isotype	Rabbit IgG
Purification	Affinity purification
Buffer	Phosphate buffered solution, pH 7.4, containing 0.05% stabilizer, 1% protein protectant and 50% glycerol.

Applications	Recommended Dilution
WB	1:500-1:2000

Data



Western Blot analysis of various samples using CD45 Polyclonal Antibody at dilution of 1:1000.

Observed-MW:180-240 kDa

Calculated-MW:146 kDa

Preparation & Storage

Storage	Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.
Shipping	The product is shipped with ice pack,upon receipt,store it immediately at the temperature recommended.

Background

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.

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