

CD45.1 Recombinant antibody

Cat:B36492S**Company:** HaoKebio**Organism:**Rabbit**Applications:** IHC:1:2000-1:8000**Species reactivity:**Mouse

IHC-Polymer:1:8000-1:32000

Molecular Weight Calculation: 180–220 kDa

IHC-TSA:1:10000-1:40000

Observed Molecular Weight: 200 kDa

IF:1:100-1:400

WB:1:2000-1:10000

Background:

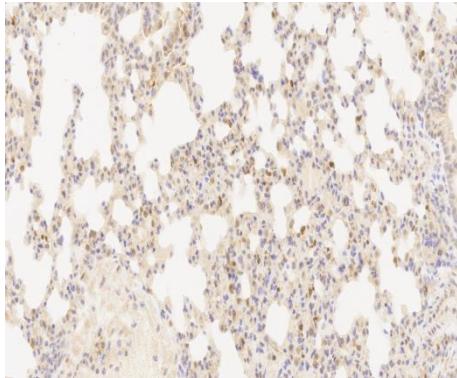
CD45, also known as protein tyrosine phosphatase, receptor type C, is a type I transmembrane protein expressed on the surface of all haematopoietic cells with the exception of erythrocytes and platelets. CD45 is a pan-haematopoietic cell marker and has been shown to be essential for T- and B-cell activation and signalling. Allelic variants of mouse CD45, CD45.1 (Ly5.1) and CD45.2 (Ly5.1), have been established as a marker system to track haematopoietic cells following congenic mouse bone marrow transplants. CD45.2 is the common form and is expressed by most of the established strains, while CD45.1 is found in only a few like the SJL mouse strain.

Storage:

Store at -20 °C for one year.

Experimental procedure:

Antigen retrieval: Citrate buffer (pH 9.0) , Medium high heat for 8 minutes, stop for 7 minutes, medium high heat for 8 minutes. Incubate antibody, 4°C overnight. Secondary antibody: Poly-HRP Goat Anti-Rabbit & Mouse Universal Secondary Antibody, RT, 1h.

Images:

Sample: Mouse lung, 4% PFA 12-24h

Source of Reagents:

发表[中文论文]请标注:CD45.1(B36492S)由杭州浩克生物技术有限公司提供;

发表[英文论文]请标注:CD45.1(B36492S) were kindly provided by Hangzhou Haoke Biotechnology Co., Ltd.

Synonyms:

Ly5a, Cd45, Ptprc, 240921A2, EC:3.1.3.48

Immunogen:

Recombinant protein

Isotype:

IgG

Subcellular location:

Membrane

Purity:

Affinity purification

Form:

Liquid

Storage Buffer:

PBS with 0.02% sodium azide, 100 µg/ml BSA and 50% glycerol.