

Background

Recombinant Monoclonal Anti-CD45RO Antibody, Mouse (4C8) is a CD45RO primary antibody for IHC application. CD45RO (UCHL1, ubiquitin carboxyl terminal esterase L1) is the shortest isoform of a receptor-type protein tyrosine phosphatase, CD45 glycoprotein. CD45 is crucial in lymphocyte development and antigen signaling, serving as an important regulator of Src-family kinases, promotes cell survival by modulating integrin-mediated signal transduction pathway and is also involved in DNA fragmentation during apoptosis.

Key parameter

Host Species	Mouse
Isotype	IgG
Clone	4C8
Application	IHC
Property	1: 500
State	Liquid
Positive Control	Human Tonsil Tissues
Clonality	Monoclonal
Research Field	Cancer Drug Targets
Source	Mouse
Synonym	CD45RO

Experiment Protocol

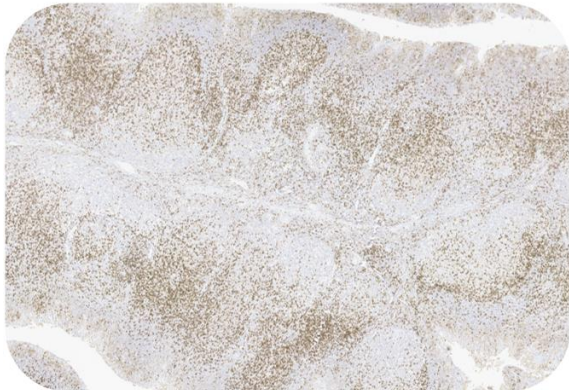
LEICA Experiment Protocol(Manual)

Storage

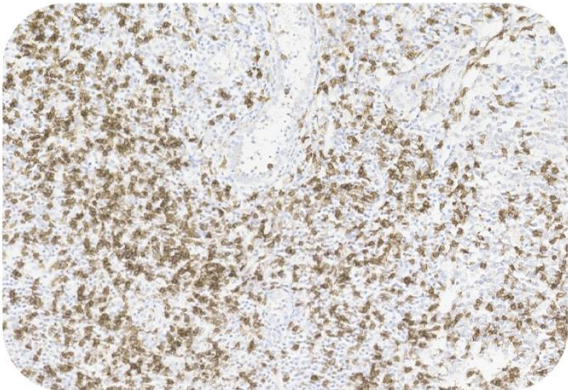
Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term. Avoid freeze / thaw cycle. The shelf life is 30 days from the date of opening.

Typical Data

Control Sample



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) -Recombinant Monoclonal Anti-CD45RO Antibody, Mouse (4C8) (HGS-S249)  
Human Tonsil Tissue, 4X



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) -Recombinant Monoclonal Anti-CD45RO Antibody, Mouse (4C8) (HGS-S249)  
Human Tonsil Tissue 20X

Immunohistochemical analysis of paraffin embedded Human tonsil tissue labelled with HGS-S249 at 1/500 dilution.

Perform heat mediated antigen retrieval with Tris/EDTA buffer pH 9.0 before commencing with IHC staining protocol.

Discounts, Gifts,  
and more!



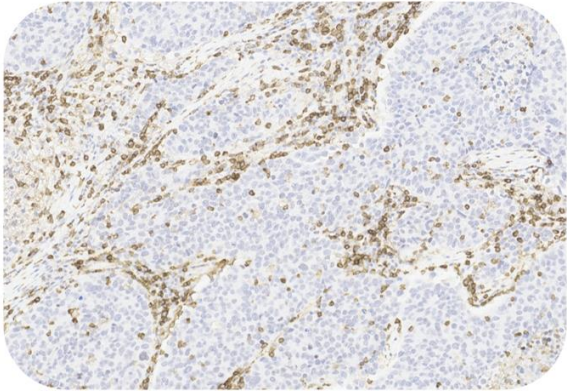


Recombinant Monoclonal Anti-CD45RO Antibody, Mouse (4C8)

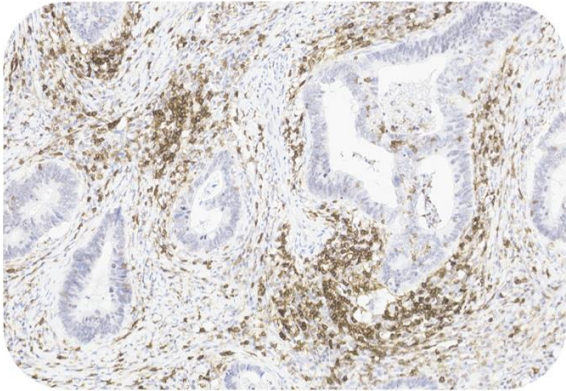
Catalog # HGS-S249



Cancer Sample



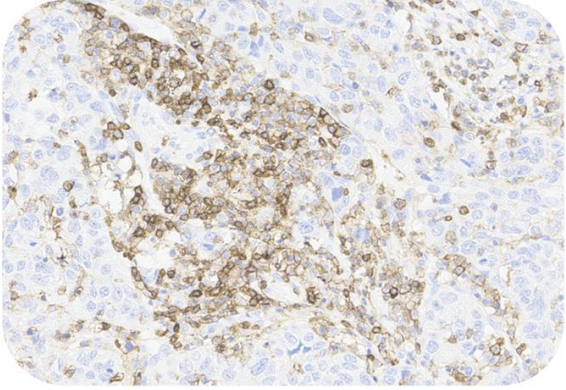
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) -Recombinant Monoclonal Anti-CD45RO Antibody, Mouse (4C8) (HGS-S249)  
Human Lung Cancer, 20X



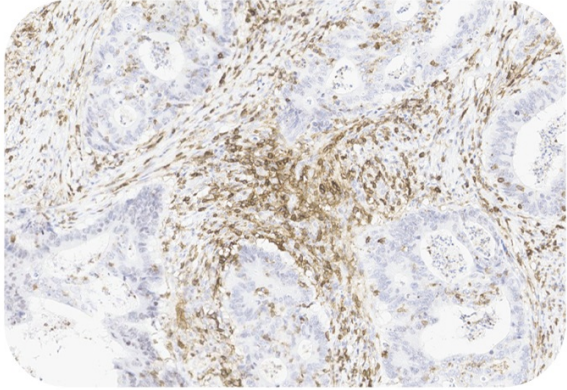
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) -Recombinant Monoclonal Anti-CD45RO Antibody, Mouse (4C8) (HGS-S249)  
Human Colorectal Cancer, 20X



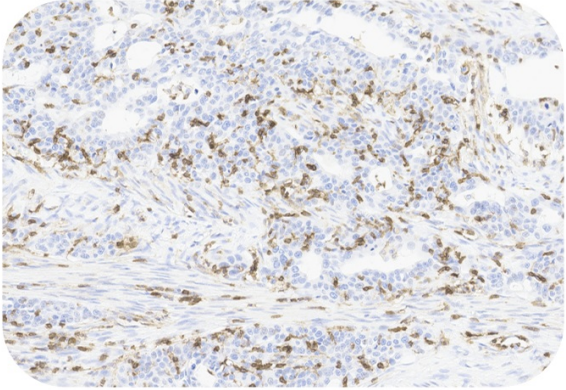
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) -Recombinant Monoclonal Anti-CD45RO Antibody, Mouse (4C8) (HGS-S249)  
Human Liver Cancer, 20X



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) -Recombinant Monoclonal Anti-CD45RO Antibody, Mouse (4C8) (HGS-S249)  
Human Prostate Cancer, 20X



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) -Recombinant Monoclonal Anti-CD45RO Antibody, Mouse (4C8) (HGS-S249)  
Human Colorectal Cancer, 20X



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) -Recombinant Monoclonal Anti-CD45RO Antibody, Mouse (4C8) (HGS-S249)  
Human Esophageal Cancer, 20X

**Immunohistochemical analysis of paraffin embedded human cancer tissue labelled with HGS-S249 at 1/500 dilution.**  
Perform heat mediated antigen retrieval with Tris/EDTA buffer pH 9.0 before commencing with IHC staining protocol.

