



Background

CD45R (PTPRC) is a member of the protein tyrosine phosphatase (PTP) family. PTPs are known to be signaling molecules that regulate a variety of cellular processes including cell growth, differentiation, mitotic cycle, and oncogenic transformation. CD45 contains an extracellular domain, a single transmembrane segment and two tandem intracytoplasmic catalytic domains. CD45 is specifically expressed in hematopoietic cells and has been shown to be an essential regulator of T- and B-cell antigen receptor signaling.

Host Species

Mouse

Clone

4C4

Application

IHC

Property

1: 500

State

Liquid

Positive Control

Human Tonsil Tissues

Clonality

Monoclonal

Synonym

CD45R

Research Field

Cancer Drug Targets

Source

Mouse

Isotype

IgG

Storage

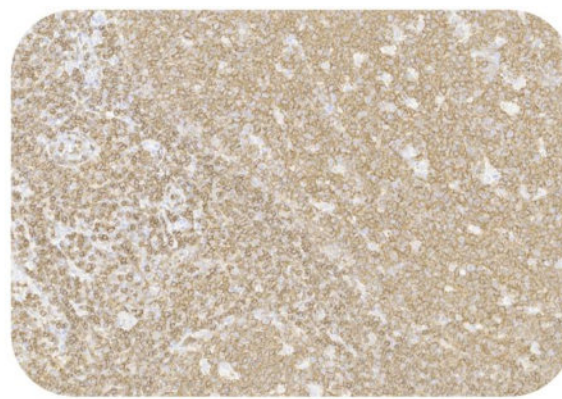
Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term. Avoid freeze / thaw cycle.

Typical Data

Control Sample



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) -Recombinant Monoclonal Anti-CD45R Antibody, Mouse (4C4) (HGS-S248)
Human Tonsil Tissue, 4X



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) -Recombinant Monoclonal Anti-CD45R Antibody, Mouse (4C4) (HGS-S248)
Human Tonsil Tissue, 20X

Immunohistochemical analysis of paraffin embedded Human tonsil tissue labelled with HGS-S248 at 1/500 dilution. Perform heat mediated antigen retrieval with Tris/EDTA buffer pH 9.0 before commencing with IHC staining protocol.

Cancer Sample

Discounts, Gifts,
and more!

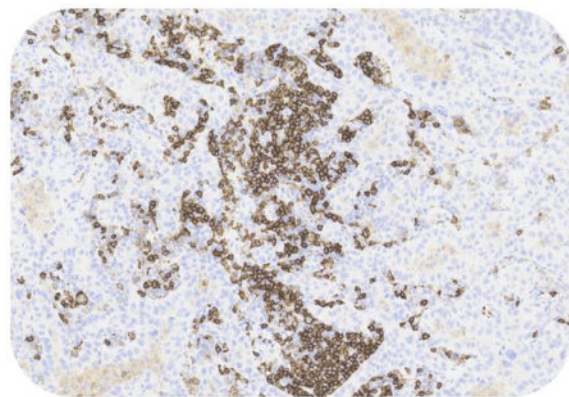


Recombinant Monoclonal Anti-CD45R Antibody, Mouse (4C4)

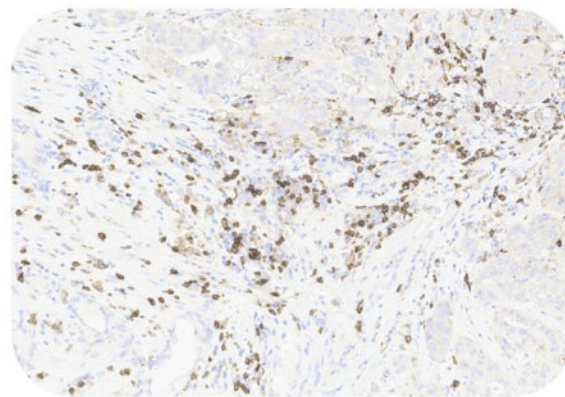
Catalog # HGS-S248



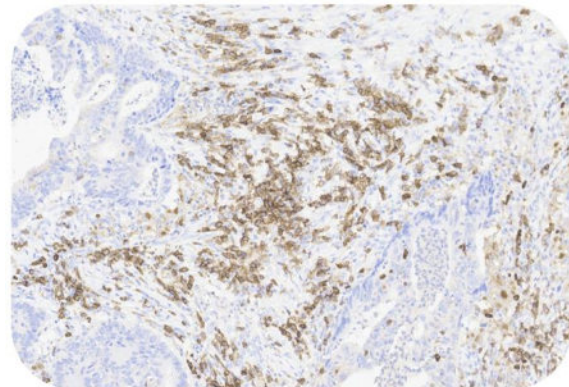
BIOSYSTEMS
Acro



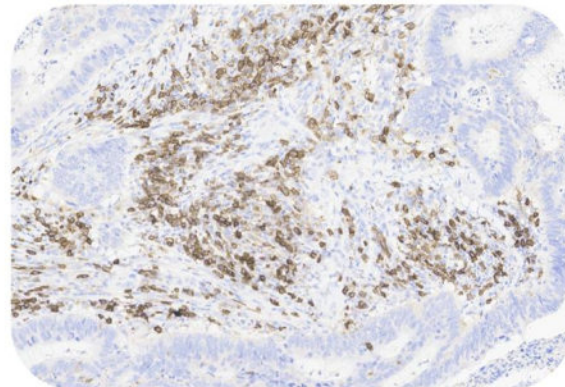
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) -Recombinant Monoclonal Anti-CD45R Antibody, Mouse (4C4) (HGS-S248)
Human Lung Cancer, 20X



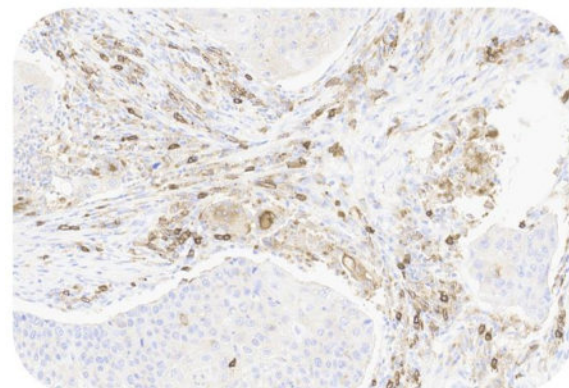
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) -Recombinant Monoclonal Anti-CD45R Antibody, Mouse (4C4) (HGS-S248)
Human Liver Cancer, 20X



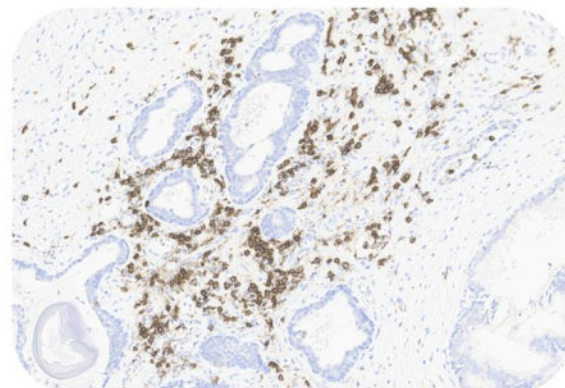
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) -Recombinant Monoclonal Anti-CD45R Antibody, Mouse (4C4) (HGS-S248)
Human Colorectal Cancer, 20X



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) -Recombinant Monoclonal Anti-CD45R Antibody, Mouse (4C4) (HGS-S248)
Human Colorectal Cancer, 20X



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) -Recombinant Monoclonal Anti-CD45R Antibody, Mouse (4C4) (HGS-S248)
Human Esophageal Cancer, 20X



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) -Recombinant Monoclonal Anti-CD45R Antibody, Mouse (4C4) (HGS-S248)
Human Prostate Cancer, 20X

Immunohistochemical analysis of paraffin embedded human cancer tissue labelled with HGS-S248 at 1/500 dilution.
Perform heat mediated antigen retrieval with Tris/EDTA buffer pH 9.0 before commencing with IHC staining protocol.

Clinical and Translational Updates

Please contact us via TechSupport@acrobiosystems.com if you have any question on this product.

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and more!



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10/27/2023