



Background

This protein is found on thymocytes and mature T cells. Integral membrane glycoprotein that plays an essential role in the immune response and serves multiple functions in responses against both external and internal offenses. In T-cells, functions primarily as a coreceptor for MHC class I molecule:peptide complex. The antigens presented by class I peptides are derived from cytosolic proteins while class II derived from extracellular proteins. Interacts simultaneously with the T-cell receptor (TCR) and the MHC class I proteins presented by antigen presenting cells (APCs). In turn, recruits the Src kinase LCK to the vicinity of the TCR-CD3 complex. LCK then initiates different intracellular signaling pathways by phosphorylating various substrates ultimately leading to lymphokine production, motility, adhesion and activation of cytotoxic T-lymphocytes (CTLs). This mechanism enables CTLs to recognize and eliminate infected cells and tumor cells. In NK-cells, the presence of CD8A homodimers at the cell surface provides a survival mechanism allowing conjugation and lysis of multiple target cells. CD8A homodimer molecules also promote the survival and differentiation of activated lymphocytes into memory CD8 T-cells. It plays an essential role in T-cell interactions and also in T-cell/B-cell interaction during early lymphoid development.

Host Species

Rabbit

Clone

3F3

Application

IHC

Property

1: 1000

State

Liquid

Positive Control

Human Tonsil Tissues

Clonality

Monoclonal

Synonym

CD8

Research Field

Cancer Drug Targets

Source

Rabbit

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

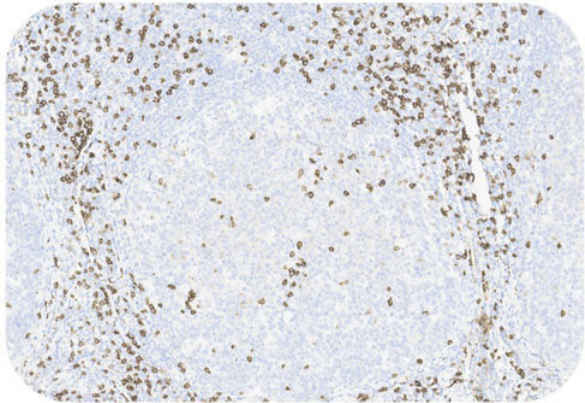
Control Sample

Discounts, Gifts,
and more!

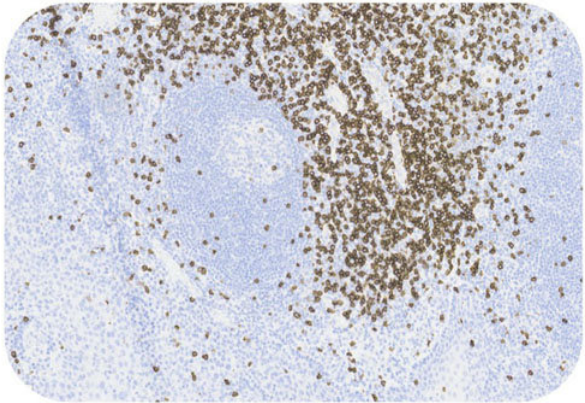


Recombinant Monoclonal Anti-CD8 Antibody, Rabbit (3F3)

Catalog # HGS-S258



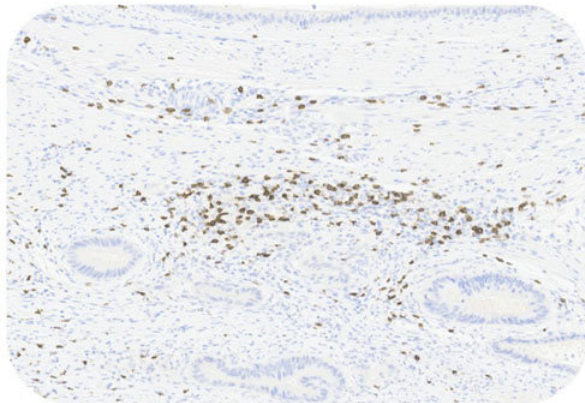
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Recombinant Monoclonal Anti-CD8 Antibody, Rabbit (3F3)(HGS-S258)
Human Tonsil Tissue, 20X



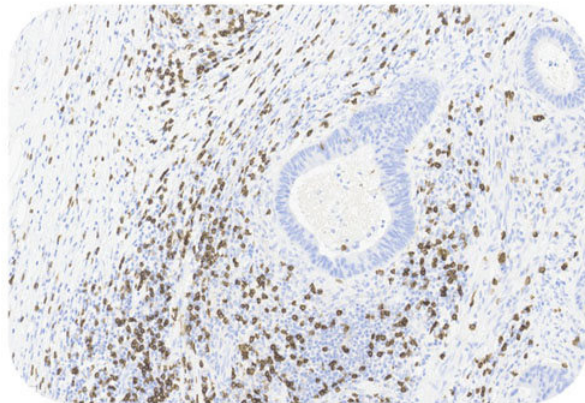
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Recombinant Monoclonal Anti-CD8 Antibody, Rabbit (3F3)(HGS-S258)
Human Tonsil Tissue, 20X

Immunohistochemical analysis of paraffin embedded Human tonsil tissue labelled with HGS-S258 at 1/1000 dilution.
Perform heat mediated antigen retrieval with Tris/EDTA buffer pH 9.0 before commencing with IHC staining protocol.

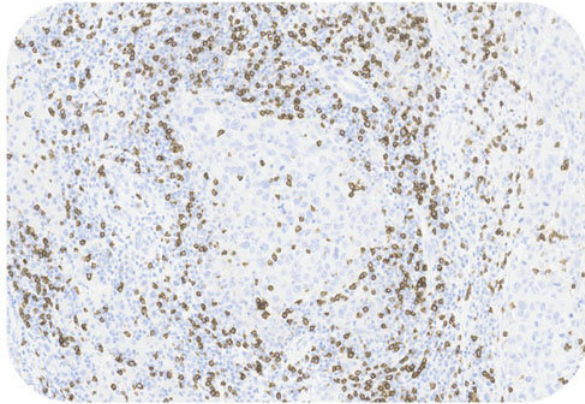
Cancer Sample



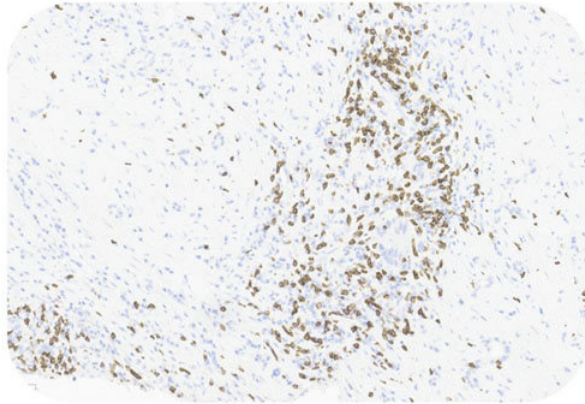
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Recombinant Monoclonal Anti-CD8 Antibody, Rabbit (3F3)(HGS-S258)
Human Colorectal Cancer Tissue, 20X



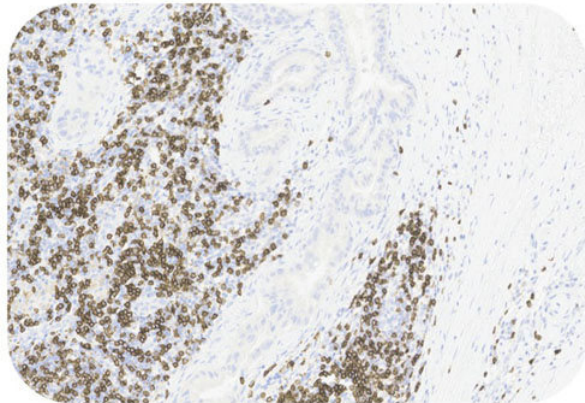
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Recombinant Monoclonal Anti-CD8 Antibody, Rabbit (3F3)(HGS-S258)
Human Colorectal Cancer Tissue, 20X



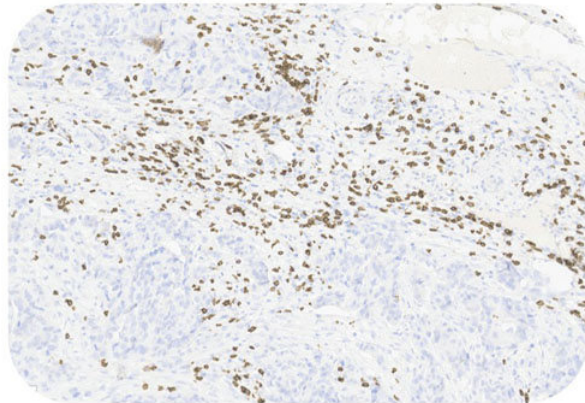
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Recombinant Monoclonal Anti-CD8 Antibody, Rabbit (3F3)(HGS-S258)
Human Hepatocellular Carcinoma Tissue, 20X



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Recombinant Monoclonal Anti-CD8 Antibody, Rabbit (3F3)(HGS-S258)
Human Hepatocellular Carcinoma Tissue, 20X



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Recombinant Monoclonal Anti-CD8 Antibody, Rabbit (3F3)(HGS-S258)
Human Pancreatic Cancer Tissue, 20X

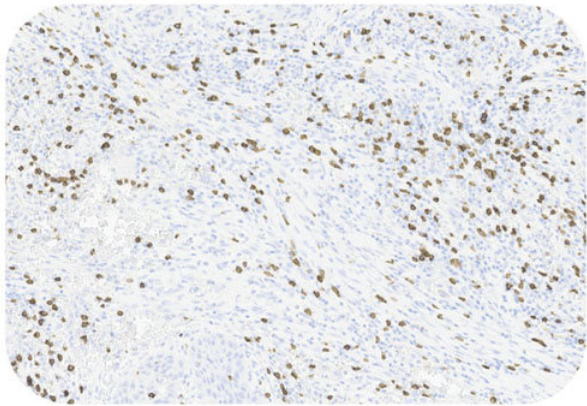


Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Recombinant Monoclonal Anti-CD8 Antibody, Rabbit (3F3)(HGS-S258)
Human Pancreatic Cancer Tissue, 20X

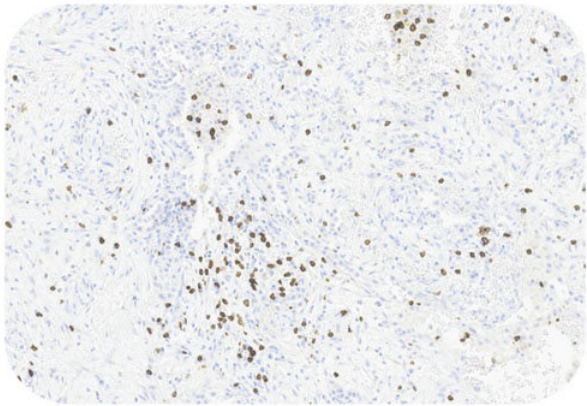
Discounts, Gifts,
and more!

Recombinant Monoclonal Anti-CD8 Antibody, Rabbit (3F3)

Catalog # HGS-S258



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Recombinant Monoclonal Anti-CD8 Antibody, Rabbit (3F3)(HGS-S258)
Human Lung Cancer Tissue, 20X



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Recombinant Monoclonal Anti-CD8 Antibody, Rabbit (3F3)(HGS-S258)
Human Lung Cancer Tissue, 20X

Immunohistochemical analysis of paraffin embedded human cancer tissue labelled with HGS-S258 at 1/1000 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.

