



## Background

Recombinant Monoclonal Anti-CD4 Antibody, Rabbit (4F3) is a CD4 primary antibody for IHC application. The CD4 antigen is involved in the recognition of MHC class II molecules and is a co-receptor for HIV. CD4 is primarily expressed in a subset of T-lymphocytes, also referred to as T helper cells, but may also be expressed by other cells in the immune system, such as monocytes, macrophages, and dendritic cells.

## Key parameter

Host Species	Rabbit
Isotype	IgG
Clone	4F3
Application	IHC
Property	1: 1000
State	Liquid
Positive Control	Human tonsil tissue
Clonality	Monoclonal
Research Field	Cancer Drug Targets
Source	Rabbit
Synonym	CD4

## Experiment Protocol

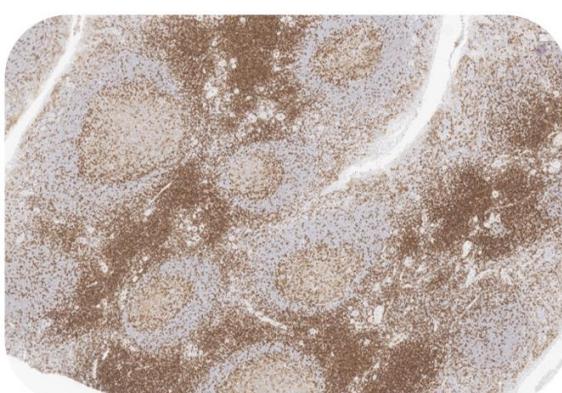
LEICA Experiment Protocol(Manual)

## Storage

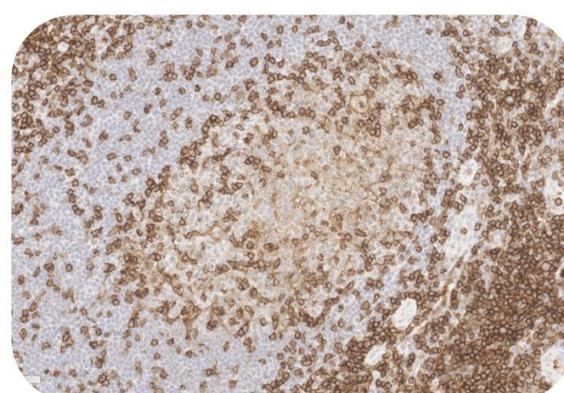
Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term. Avoid freeze / thaw cycle. The shelf life is 30 days from the date of opening.

## Typical Data

### Control Sample



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) -Recombinant Monoclonal Anti-CD4 Antibody, Rabbit (4F3) (HGS-S255)  
Human Tonsil Tissue, 4X



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) -Recombinant Monoclonal Anti-CD4 Antibody, Rabbit (4F3) (HGS-S255)  
Human Tonsil Tissue, 20X

### Immunohistochemical analysis of paraffin embedded Human tonsil tissue labelled with HGS-S255 at 1/1000 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!



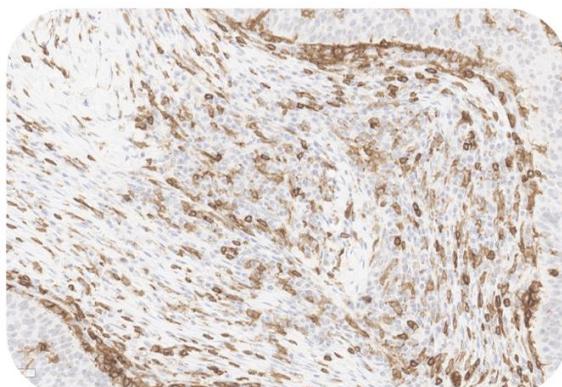
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# Recombinant Monoclonal Anti-CD4 Antibody, Rabbit (4F3)

Catalog # HGS-S255

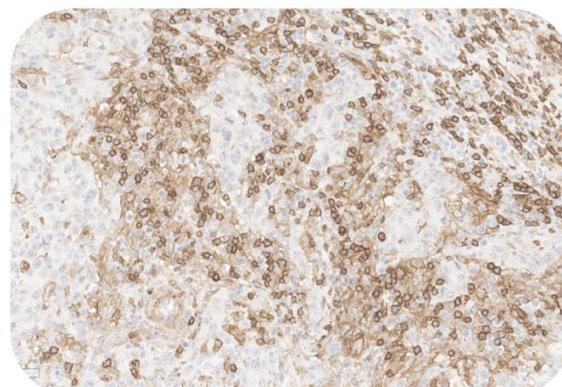


BIOSYSTEMS  
**Acro**  
Surprise Inside!



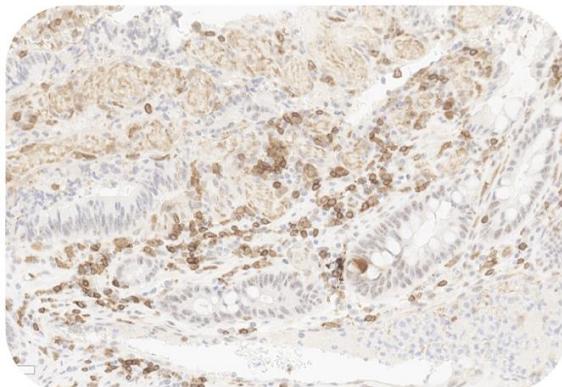
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) -Recombinant Monoclonal Anti-CD4 Antibody, Rabbit (4F3) (HGS-S255)

Human Lung Cancer, 20X



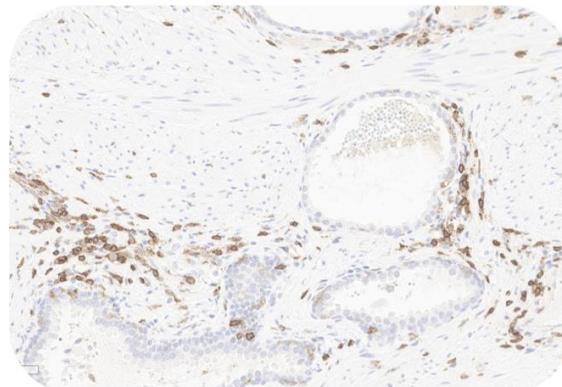
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) -Recombinant Monoclonal Anti-CD4 Antibody, Rabbit (4F3) (HGS-S255)

Human Liver Cancer, 20X



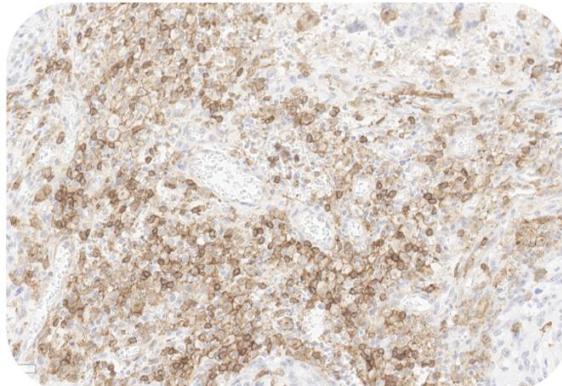
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) -Recombinant Monoclonal Anti-CD4 Antibody, Rabbit (4F3) (HGS-S255)

Human Colorectal Cancer, 20X



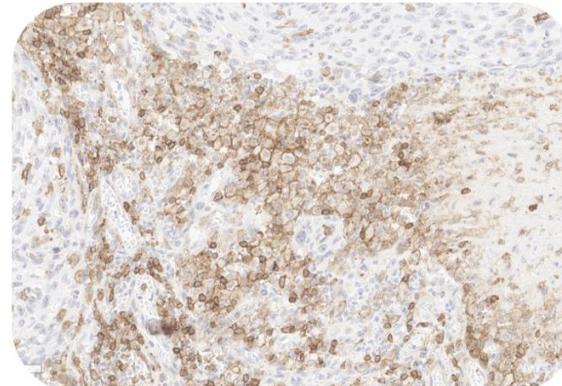
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) -Recombinant Monoclonal Anti-CD4 Antibody, Rabbit (4F3) (HGS-S255)

Human Prostate Cancer, 20X



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) -Recombinant Monoclonal Anti-CD4 Antibody, Rabbit (4F3) (HGS-S255)

Human Esophageal carcinoma, 20X



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) -Recombinant Monoclonal Anti-CD4 Antibody, Rabbit (4F3) (HGS-S255)

Human Esophageal carcinoma, 20X

## Immunohistochemical analysis of paraffin embedded human cancer tissue labelled with HGS-S255 at 1/1000 dilution.

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

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