



## Background

Recombinant Monoclonal Anti-CD2 Antibody, Rabbit (5E2) is a CD2 primary antibody for IHC application. CD2 interacts with lymphocyte function-associated antigen CD58 (LFA-3) and CD48/BCM1 to mediate adhesion between T-cells and other cell types. CD2 is implicated in the triggering of T-cells, the cytoplasmic domain is implicated in the signaling function.

## Key parameter

Host Species	Rabbit
Isotype	IgG
Clone	5E2
Application	IHC
Property	1: 1000
State	Liquid
Positive Control	Human Tonsil Tissues
Clonality	Monoclonal
Research Field	Cancer Drug Targets
Source	Rabbit
Synonym	CD2

## Experiment Protocol

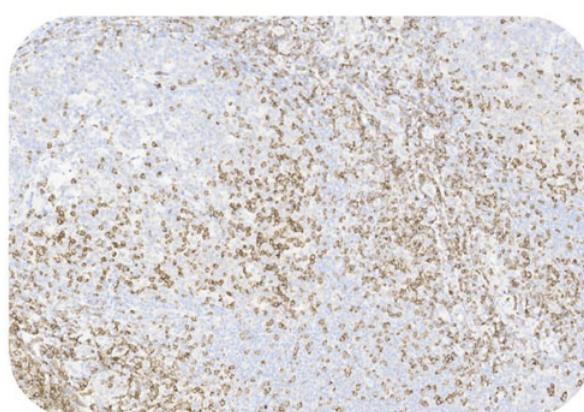
LEICA Experiment Protocol(Manual)

## Storage

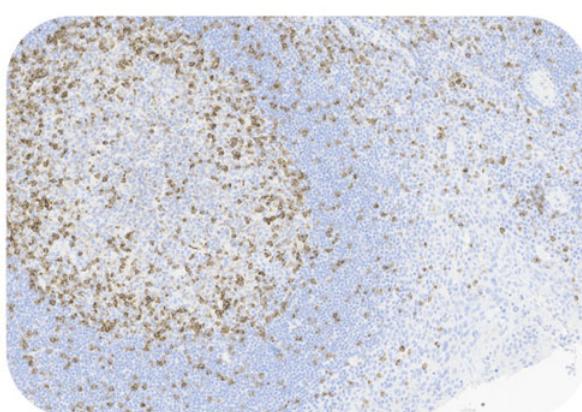
Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term. Avoid freeze / thaw cycle. The shelf life is 30 days from the date of opening.

## Typical Data

### Control Sample



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) -Recombinant Monoclonal Anti-CD2 Antibody, Rabbit (5E2)(HGS-S256)  
Human Tonsil Tissue, 20X



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) -Recombinant Monoclonal Anti-CD2 Antibody, Rabbit (5E2)(HGS-S256)  
Human Tonsil Tissue, 20X

### Immunohistochemical analysis of paraffin embedded Human tonsil tissue labelled with HGS-S256 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!



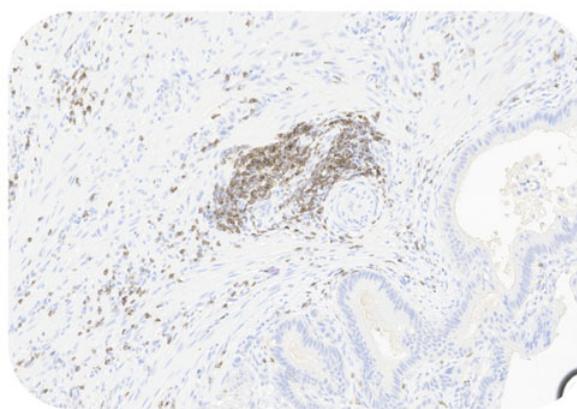
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# Recombinant Monoclonal Anti-CD2 Antibody, Rabbit (5E2)

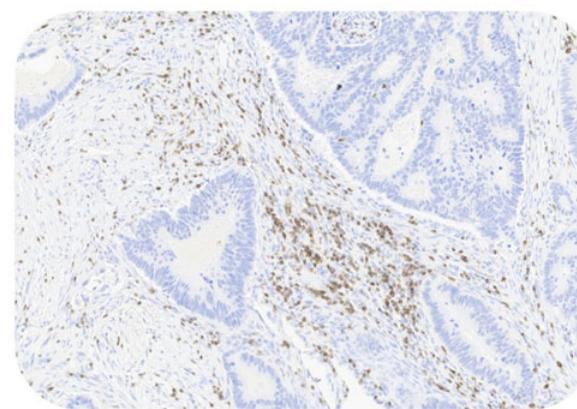
Catalog # HGS-S256



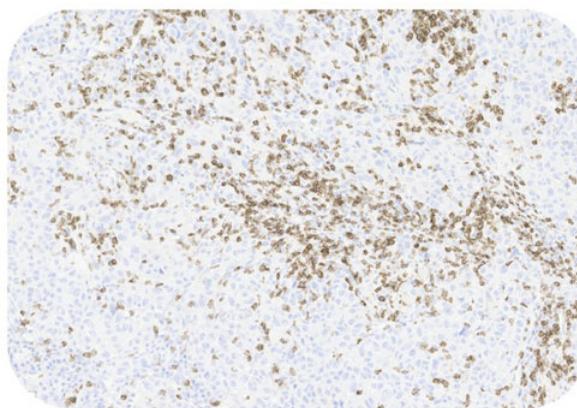
BIOSYSTEMS  
**Acro**  
Surprise Inside!



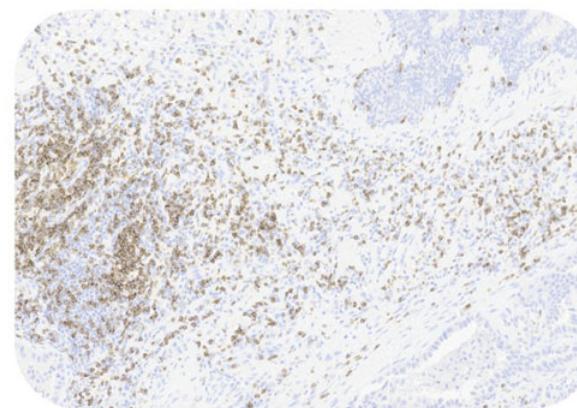
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) -Recombinant Monoclonal Anti-CD2 Antibody, Rabbit (5E2)(HGS-S256)  
Human Colorectal Cancer Tissue, 20X



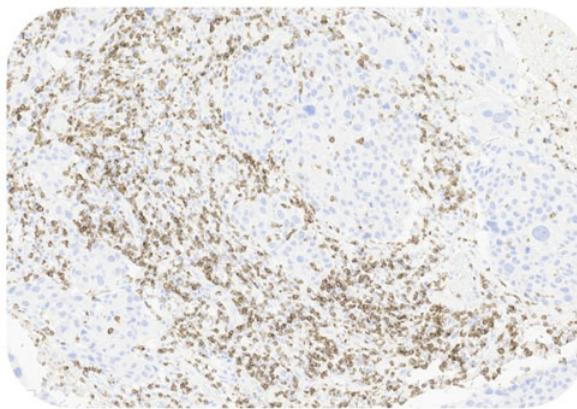
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) -Recombinant Monoclonal Anti-CD2 Antibody, Rabbit (5E2)(HGS-S256)  
Human Colorectal Cancer Tissue, 20X



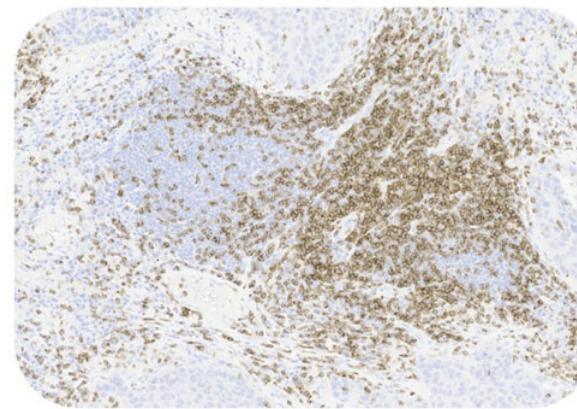
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) -Recombinant Monoclonal Anti-CD2 Antibody, Rabbit (5E2)(HGS-S256)  
Human Hepatocellular Tissue, 20X



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) -Recombinant Monoclonal Anti-CD2 Antibody, Rabbit (5E2)(HGS-S256)  
Human Lung Cancer Tissue, 20X



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) -Recombinant Monoclonal Anti-CD2 Antibody, Rabbit (5E2)(HGS-S256)  
Human Cervical Cancer Tissue, 20X



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) -Recombinant Monoclonal Anti-CD2 Antibody, Rabbit (5E2)(HGS-S256)  
Human Lung Cancer Tissue, 20X

## Immunohistochemical analysis of paraffin embedded human cancer tissue labelled with HGS-S256 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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