

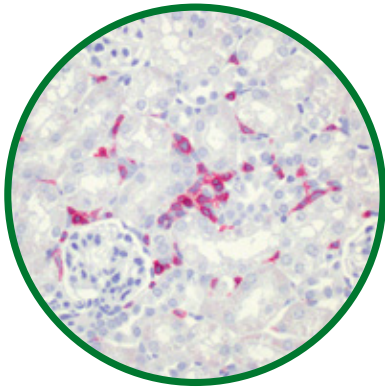
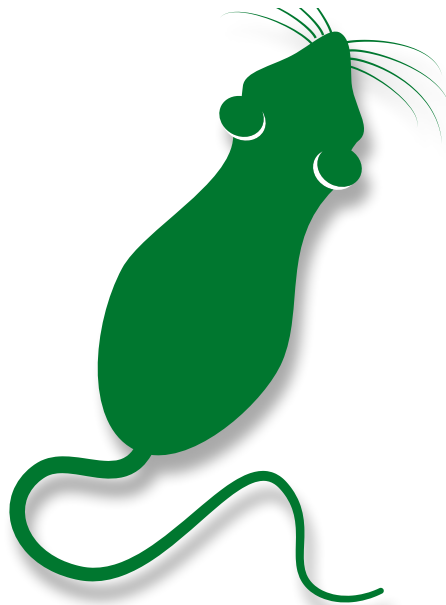
# Anti-mouse Antibodies for Immunohistochemistry

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**validated on Paraffin-  
embedded Tissue (FFPE)**



CD31

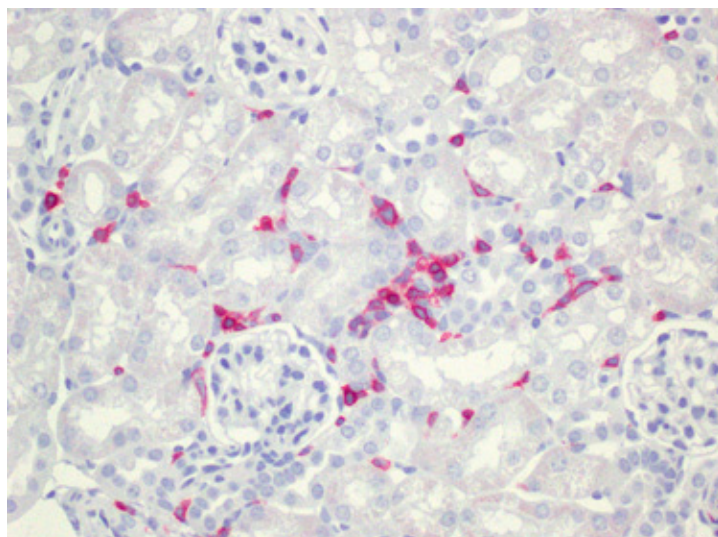


CD3



## Anti-mouse CD3 (clone HH3e) - T cell marker

Antibody clone HH3E has been validated specifically for the detection of murine CD3 in formalin-fixed paraffin-embedded tissue sections (mouse FFPE). It detects a conserved epitope on the CD3 epsilon chain in a broad variety of species. CD3 is a defining feature of cells belonging to the T cell lineage and can therefore be used as T cell marker.



Immunohistochemistry of mouse CD3e (TCRE) in formalin-fixed paraffin-embedded tissue sections of kidney stained by an indirect alkaline phosphatase method according to standard procedures with antigen retrieval by high-temperature heating in citrate buffer and counterstaining with Haematoxylin (Picture courtesy of Prof. Dr. H. Stein, Berlin).

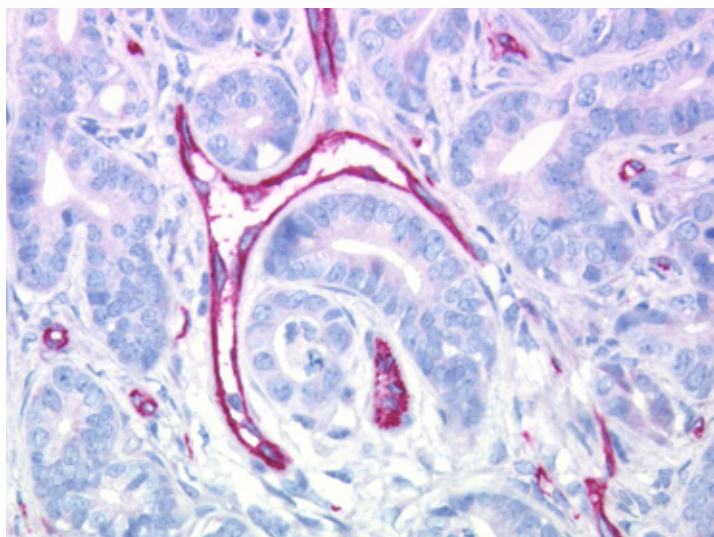
### Rat monoclonal anti-mouse CD3

Specificity Murine CD3 epsilon chain (TCRE)  
 Clone **HH3E**  
 Host / Isotype Rat IgG1/kappa  
 Application IHC-P, WB, IP, FC  
 Dilution IHC-P 1:100

Product Code	Quantity
DIA-303	100µg / 0,5 ml
<a href="#">Request your free sample</a>	DIA-303-M

## Anti-mouse CD31 (clone SZ31) - Endothelial cell marker

Antibody clone SZ31 is the first antibody which reacts specifically with murine CD31 in formalin-fixed paraffin-embedded tissue sections. CD31, also known as PECAM-1 (Platelet Endothelial Cell Adhesion Molecule-1) is expressed constitutively on the surface of embryonic and adult endothelial cells.



The monoclonal antibody clone SZ31 reacts specifically with endothelial cells in vessels and capillaries of murine adenocarcinoma. All sections were stained by an indirect alkaline phosphatase method according to standard procedures with antigen retrieval by high-temperature heating in citrate buffer and counterstaining with Haematoxylin (Picture courtesy of Prof. Dr. H. Stein, Berlin).

### Rat monoclonal anti-mouse CD31

Specificity Murine CD31 (PECAM-1)  
 Clone **SZ31**  
 Host / Isotype Rat IgG2a/kappa  
 Application IHC-P, WB  
 Dilution IHC-P 1:20

Product Code	Quantity
DIA-310	100µg / 0,5 ml
<a href="#">Request your free sample</a>	DIA-310-M

## Unique antibodies for the analysis of murine targets validated in immunohistochemistry on FFPE tissues

dianova develops and validates monoclonal anti-mouse antibodies specifically for murine FFPE-tissue sections.

In cooperation with leading scientists dianova selects specific targets that are insufficiently detectable in murine FFPE-tissues using existing antibodies. Thus our unique monoclonal anti-mouse antibodies help to identify certain cells and tissue structures characterised by defined biomarker expression in immunohistochemistry (IHC). dianova's anti-mouse antibodies provide a valuable tool for basic & preclinical research in mouse model systems.