

Background

Recombinant Monoclonal Anti-PD-L1 Antibody, Rabbit (5D3) is a PD-L1 primary antibody for IHC application. PD-L1, is a ligand that binds with the receptor PD1, commonly found on T-cells, and acts to block T-cell activation. PD1 expression has been observed in a variety of cancers including melanoma and non-small cell lung cancer. The interaction of PD1/PDL1 is hypothesized to be a possible mechanism for the tumor to escape immune response. A number of checkpoint blockade inhibitors including pembrolizumab and nivolumab have been developed that target the PD1/PDL1 interaction in order to allow T-cells to recognize tumor cells without being deactivated by the tumor.

Key parameter

Host Species	Rabbit
Isotype	IgG
Clone	5D3
Application	IHC
Property	1: 1000
State	Liquid
Positive Control	Human Tonsil Tissues
Clonality	Monoclonal
Research Field	Cancer Drug Targets
Source	Rabbit
Synonym	CD274, PD-L1

Experiment Protocol

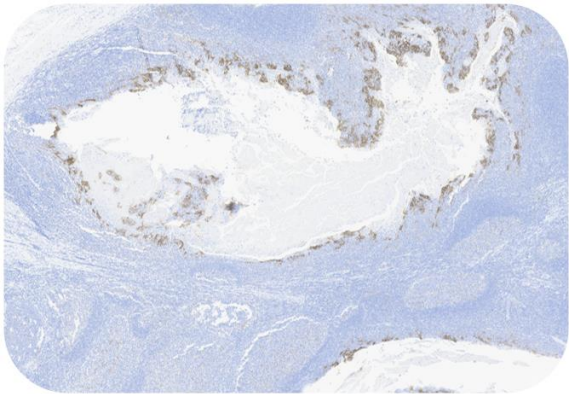
LEICA Experiment Protocol(Manual)

Storage

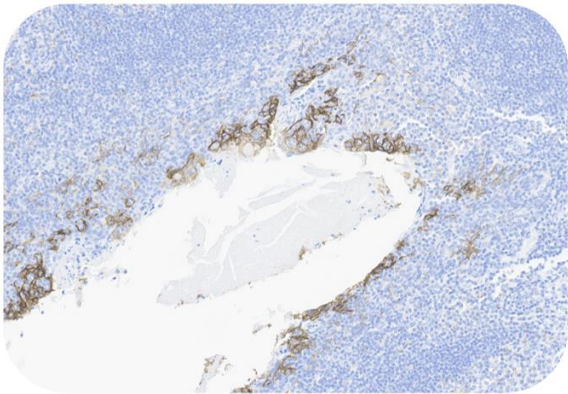
Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term. Avoid freeze / thaw cycle. The shelf life is 30 days from the date of opening.

Typical Data

Control Sample



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) -Recombinant Monoclonal Anti-PD-L1 Antibody, Rabbit (5D3) (HCS-S240)
Human Tonsil Tissue, 4X



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) -Recombinant Monoclonal Anti-PD-L1 Antibody, Rabbit (5D3) (HCS-S240)
Human Tonsil Tissue, 20X

Discounts, Gifts,
and more!



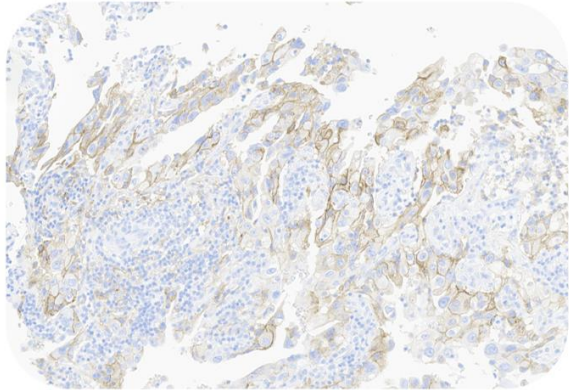
Recombinant Monoclonal Anti-PD-L1 Antibody, Rabbit (5D3)

Catalog # HCS-S240

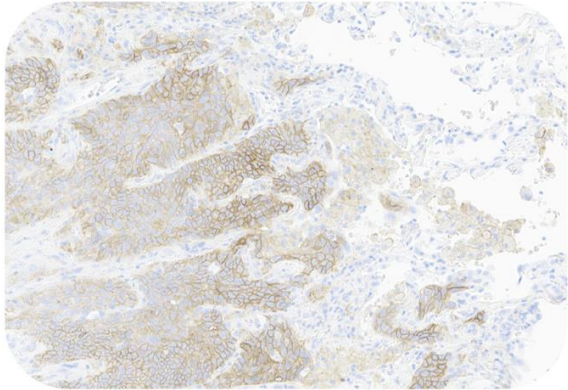


Immunohistochemical analysis of paraffin embedded Human tonsil tissue labelled with HCS-S240 at 1/1000 dilution.
Perform heat mediated antigen retrieval with Tris/EDTA buffer pH 9.0 before commencing with IHC staining protocol.

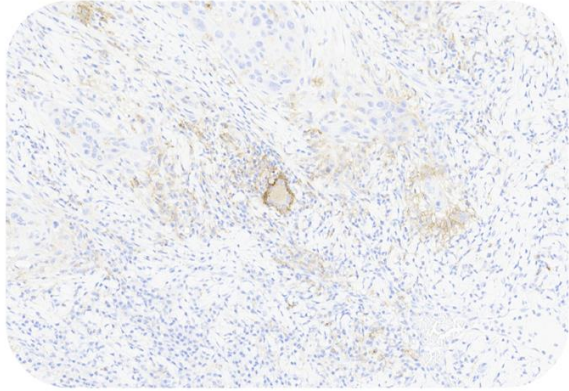
Cancer Sample



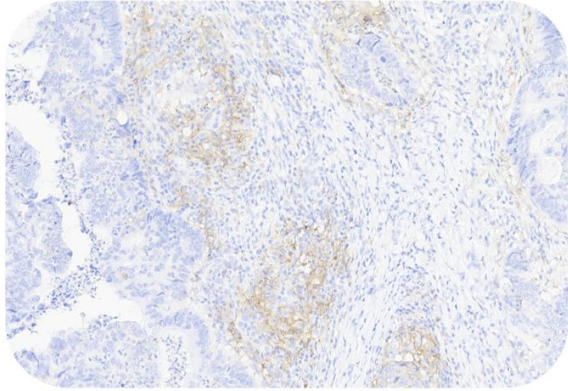
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) -Recombinant Monoclonal Anti-PD-L1 Antibody, Rabbit (5D3) (HCS-S240)
Human Lung adenocarcinoma, 20X



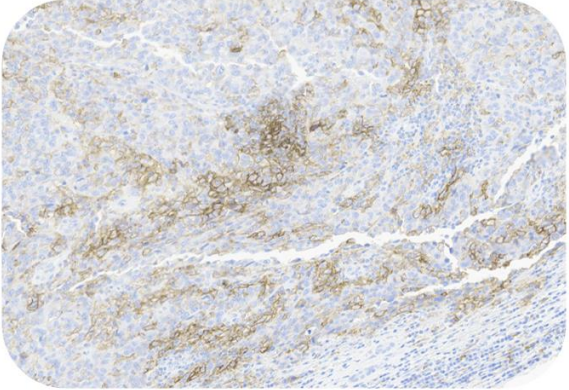
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) -Recombinant Monoclonal Anti-PD-L1 Antibody, Rabbit (5D3) (HCS-S240)
Human Lung squamous cell carcinoma, 20X



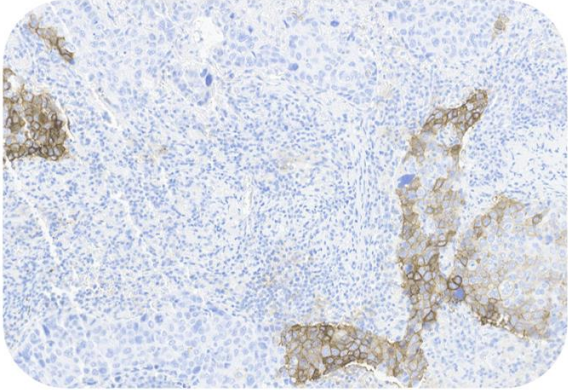
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) -Recombinant Monoclonal Anti-PD-L1 Antibody, Rabbit (5D3) (HCS-S240)
Human Esophageal Cancer, 20X



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) -Recombinant Monoclonal Anti-PD-L1 Antibody, Rabbit (5D3) (HCS-S240)
Human Colorectal Cancer, 20X



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) -Recombinant Monoclonal Anti-PD-L1 Antibody, Rabbit (5D3) (HCS-S240)
Human Liver Cancer, 20X



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) -Recombinant Monoclonal Anti-PD-L1 Antibody, Rabbit (5D3) (HCS-S240)
Human Lung adenocarcinoma, 20X

Immunohistochemical analysis of paraffin embedded human cancer tissue labelled with HCS-S240 at 1/1000 dilution.
Perform heat mediated antigen retrieval with Tris/EDTA buffer pH 9.0 before commencing with IHC staining protocol.

