

Background

Programmed cell death protein 1 (PDCD1) is an immune-inhibitory receptor expressed in activated T cells; it is involved in the regulation of T-cell functions, including those of effector CD8+ T cells. In addition, this protein can also promote the differentiation of CD4+ T cells into T regulatory cells. PDCD1 is expressed in many types of tumors including melanomas, and has demonstrated to play a role in anti-tumor immunity. Moreover, this protein has been shown to be involved in safeguarding against autoimmunity, however, it can also contribute to the inhibition of effective anti-tumor and anti-microbial immunity.

Host Species

Mouse

Clone

2F3

Application

IHC

Property

1: 500

State

Liquid

Positive Control

Human Tonsil Tissues

Clonality

Monoclonal

Synonym

PD1, CD279, PD-1, PDCD1

Research Field

Cancer Drug Targets

Source

Mouse

Isotype

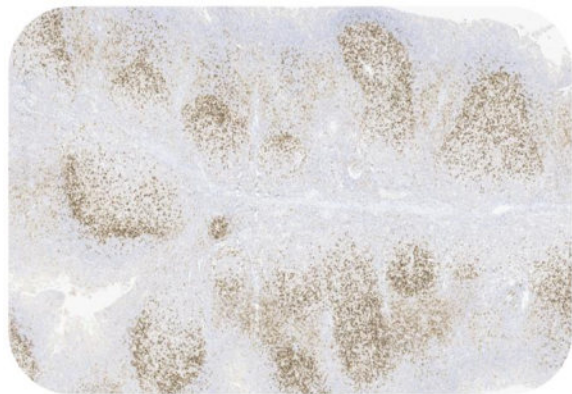
IgG

Storage

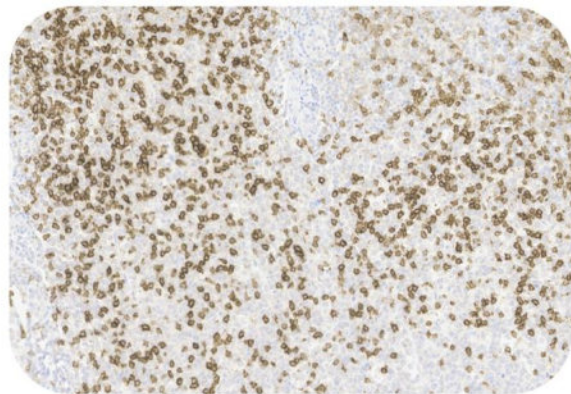
Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term. Avoid freeze / thaw cycle.

Typical Data

Control Sample



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) -Recombinant Monoclonal Anti-PD-1 Antibody, Mouse (2F3) (HGS-S238)  
Human Tonsil Tissue, 4X



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) -Recombinant Monoclonal Anti-PD-1 Antibody, Mouse (2F3) (HGS-S238)  
Human Tonsil Tissue, 20X

Immunohistochemical analysis of paraffin embedded Human tonsil tissue labelled with HGS-S238 at 1/500 dilution.

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

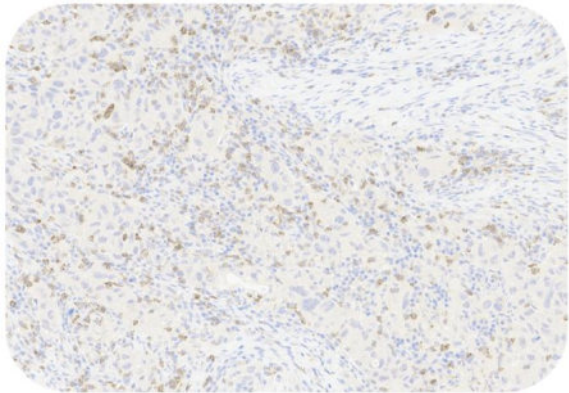
Cancer Sample

Discounts, Gifts,  
and more!

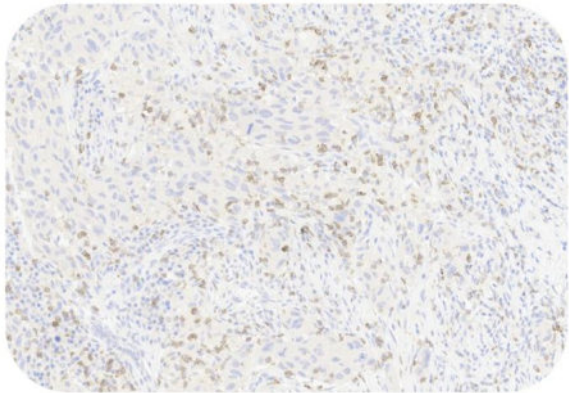


Recombinant Monoclonal Anti-PD-1 Antibody, Mouse (2F3)

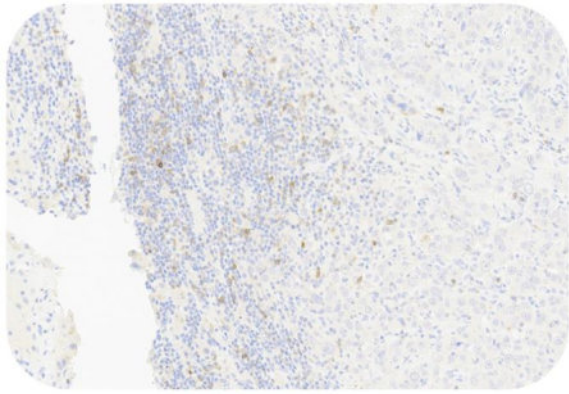
Catalog # HGS-S238



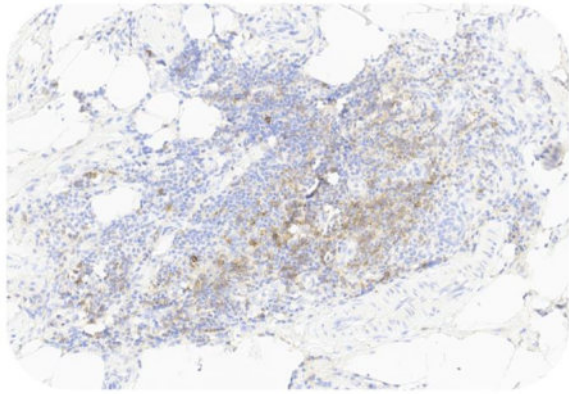
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) -Recombinant Monoclonal Anti-PD-1 Antibody, Mouse (2F3) (HGS-S238)  
Human Lung Cancer, 20X



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) -Recombinant Monoclonal Anti-PD-1 Antibody, Mouse (2F3) (HGS-S238)  
Human Lung Cancer, 20X



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) -Recombinant Monoclonal Anti-PD-1 Antibody, Mouse (2F3) (HGS-S238)  
Human Liver Cancer, 20X



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) -Recombinant Monoclonal Anti-PD-1 Antibody, Mouse (2F3) (HGS-S238)  
Human Colorectal Cancer, 20X

**Immunohistochemical analysis of paraffin embedded human cancer tissue labelled with HGS-S238 at 1/500 dilution.**  
Perform heat mediated antigen retrieval with Tris/EDTA buffer pH 9.0 before commencing with IHC staining protocol.

Clinical and Translational Updates

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and more!

