

Anti-PDCD4 antibody (370-469) [S7MR] (STJ11102417)

GENERAL INFORMATION

Product Type	Primary antibodies
Applications	WB/IHC-P/ELISA
Host / Source	Rabbit
Reactivity	Human/Mouse/Rat

PRODUCT PROPERTIES

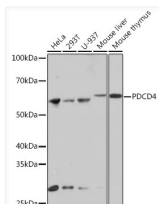
Clonality	Monoclonal
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution Range	WB:1:500-1:1000 IHC-P:1:50-1:200 ELISA:Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.
Formulation	PBS with 0.02% Sodium Azide, 0.05% BSA, 50% Glycerol, pH 7.3.
Isotype	IgG
Molecular Weight	Protein Mw: 52kDa Observed Mw: 52kDa
Storage Instruction	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

TARGET INFORMATION

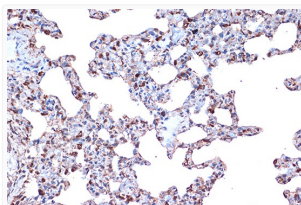
Gene ID	27250
Gene Symbol	PDCD4
UniProt ID	PDCD4_HUMAN
Immunogen Region	370-469
Immunogen Sequence	MVLESTGESTFKMILDLLKS LWKSSTITVDQMKRGYERII NEIPDINLDVPHSYSLERF VEECFQAGIISKQLRDLCPS RGRKRFVSEGGGRLKPESY
Specificity	A synthetic peptide corresponding to a sequence within amino acids 370-469 of human PDCD4 (Q53EL6).

ADDITIONAL INFORMATION

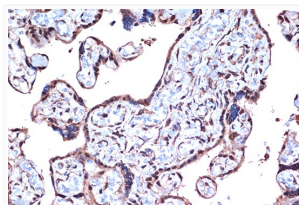
Note STRICTLY FOR FURTHER SCIENTIFIC RESEARCH USE ONLY (RUO). MUST NOT TO BE USED IN DIAGNOSTIC OR THERAPEUTIC APPLICATIONS.



Western blot analysis of various lysates using PDCD4 Rabbit mAb (STJ11102417) at 1:1000 dilution.
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (STJS000856) at 1:10000 dilution.
Lysates/proteins: 25 µg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit
Exposure time: 1min.



Immunohistochemistry analysis of paraffin-embedded Rat lung using PDCD4 Rabbit mAb (STJ11102417) at dilution of 1:100 (40x lens).
Microwave antigen retrieval performed with 0.01M Tris/EDTA Buffer (pH 9.0) prior to immunohistochemistry staining.



Immunohistochemistry analysis of paraffin-embedded Human placenta using PDCD4 Rabbit mAb (STJ11102417) at dilution of 1:100 (40x lens).
Microwave antigen retrieval performed with 0.01M Tris/EDTA Buffer (pH 9.0) prior to immunohistochemistry staining.