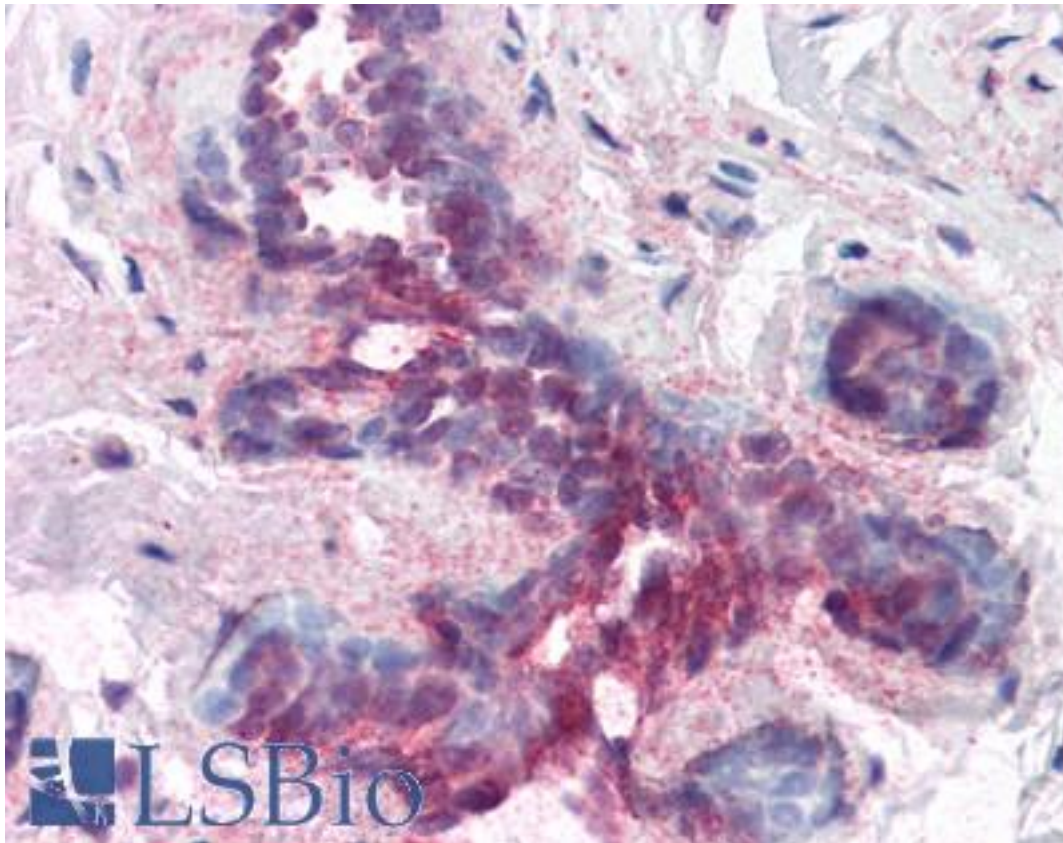


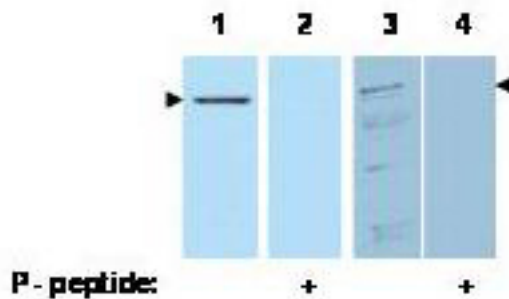
PDCD4 Rabbit anti-Human Polyclonal (pSer457) Antibody - LS-B487 - LSBio	
CatalogID:	LS-B487
Validation:	This antibody replaces catalog number LS-C18979. It has been validated for use in the following assays: IHC.
Target:	programmed cell death 4 (neoplastic transformation inhibitor) (PDCD4)
Synonyms:	PDCD4 Antibody, H731 Antibody, Nuclear antigen H731-like Antibody, Nuclear antigen H731 Antibody, Protein 197/15a Antibody
Family / Subfamily:	Apoptosis
Host	PDCD4 antibody was produced in Rabbit
Clonality:	Polyclonal
Immunogen Species:	PDCD4 antibody was raised against Human
Antigen Type:	Synthetic peptide
Immunogen:	PDCD4 antibody was raised against synthetic peptide from human PDCD4.
Specificity:	Amino acids 447-465 of human Pdc4 protein.
Epitope:	pSer457
Reactivity:	Human, Mouse, Rat, Xenopus
Purification:	Immunoaffinity purified
Presentation:	0.02 M potassium phosphate, 0.15 M sodium chloride, pH 7.2, 0.01% sodium azide.
Recommended Storage:	Long term: -20°C; Short term: +4°C. Avoid repeat freeze-thaw cycles.
Usage Summary:	Immunohistochemistry: LS-B487 was validated for use in immunohistochemistry on a panel of 21 formalin-fixed, paraffin-embedded (FFPE) human tissues after heat induced antigen retrieval in pH 6.0 citrate buffer. After incubation with the primary antibody, slides were incubated with biotinylated secondary antibody, followed by alkaline phosphatase-streptavidin and chromogen. The stained slides were evaluated by a pathologist to confirm staining specificity. The optimal working concentration for LS-B487 was determined to be 1.25-2.5 ug/ml.
Uses:	IHC - Paraffin (1.25 - 2.5 µg/ml), Western blot (1:200 - 1:5000), ELISA (1:1500 - 1:7000) (Optimal dilution to be determined by the researcher)
Size:	50 µg
Concentration:	1 mg/ml

Immunohistochemistry Image:



Anti-PDCD4 antibody IHC of human breast. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody LS-B487 concentration 5 ug/ml.

Western Blot Image:



Anti-Pdcd4 pS457 - Western Blot. Western blot of affinity purified anti-Pdcd4 pS457 antibody shows detection of Pdcd4 phosphorylated at Ser 457 (arrowheads). Lanes 1 & 2 each contain 100 ng recombinant Pdcd4. Lanes 3 & 4 each contain 30 ug of whole cell extract from 293 HEK cells treated with 20 nM TPA and MG132 proteasome inhibitor for 8 hours. The signal can be competed off with peptide phosphorylated at Ser 457 (Lanes 2 & 4). Personal Communication, M Young & A Jansen, NCI, Bethesda, MD.

Requested From:

Japan

Laboratory Reagent For In Vitro Research Use Only

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