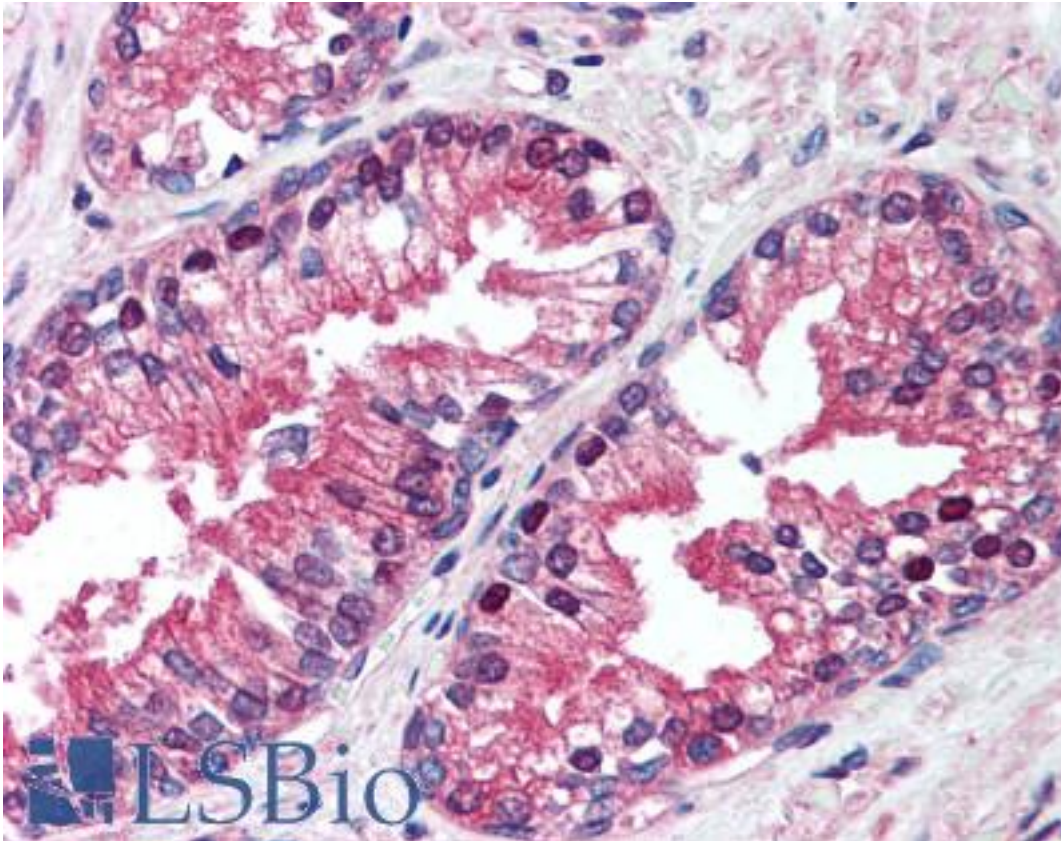


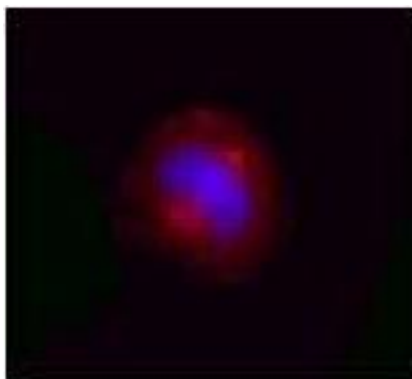
VCP Mouse anti-Human Monoclonal (4G9) Antibody - LS-B1912 - LSBio	
CatalogID:	LS-B1912
Validation:	This antibody replaces catalog number LS-C40951. It has been validated for use in the following assays: IHC.
Target:	valosin containing protein (VCP)
Synonyms:	VCP Antibody, 15S Mg(2+)-ATPase p97 subunit Antibody, ALS14 Antibody, TER ATPase Antibody, TERA Antibody, Valosin containing protein Antibody, Yeast Cdc48p homolog Antibody, Valosin-containing protein Antibody, IBMPFD Antibody, p97 Antibody
Host	VCP antibody was produced in Mouse
Clonality:	Monoclonal
Isotype:	IgG1
Clone Name:	4G9
Immunogen Species:	VCP antibody was raised against Human
Immunogen:	VCP antibody was raised against recombinant human VCP.
Specificity:	Recombinant human valosin containing protein
Reactivity:	Human
Purification:	Affinity purified
Presentation:	Phosphate-buffered solution, pH 7.2, 0.09% sodium azide at 0.5 mg/ml. Sourced in TCS.
Recommended Storage:	Long term: -20°C; Short term: +4°C; Avoid freeze-thaw cycles.
Usage Summary:	Immunohistochemistry: LS-B1912 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-B1912 was determined to be 5 ug/ml.
Uses:	IHC - Paraffin (5 µg/ml), Immunofluorescence, Western blot, Immunoprecipitation (Optimal dilution to be determined by the researcher)
Size:	50 µg
Concentration:	0.5 mg/ml

Immunohistochemistry Image:



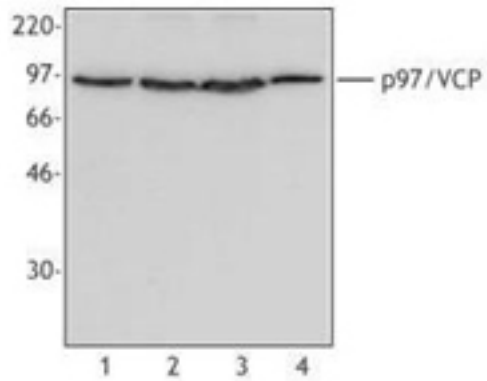
Anti-VCP antibody IHC of human prostate. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody LS-B1912 concentration 5 ug/ml.

Immunocytochemistry Image:



Overnight nocodazole treated HeLa cells stained with purified mouse monoclonal antibody against p97/VCP (clone 4G9), followed by Cy3 conjugated goat anti-mouse IgG and DAPI

Western Blot Image:



Western blot of extracts from HeLa cells (Lane 1), Jurkat cells (Lane 2), MCF7 cells (Lane 3), or mouse splenocytes (Lane 4), using anti-p97/VCP, clone 4G9

Requested From:

Japan

Laboratory Reagent For In Vitro Research Use Only

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Created on 9/23/2014

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