

For Research Use Only

KLK8 Monoclonal antibody, PBS Only

Catalog Number: 68247-1-PBS



Basic Information

Catalog Number: 68247-1-PBS	GenBank Accession Number: BC040887	Purification Method: Protein A purification
Size: 100ug , Concentration: 1mg/ml by Nanodrop;	GeneID (NCBI): 11202	CloneNo.: 2F3A8
Source: Mouse	UNIPROT ID: O60259	
Isotype: IgG2a	Full Name: kallikrein-related peptidase 8	
Immunogen Catalog Number: AG5642	Calculated MW: 28 kDa	
	Observed MW: 28 kDa	

Applications

Tested Applications:
WB, IHC, IF/ICC, Indirect ELISA

Species Specificity:
human, mouse

Background Information

KLK8(Kallikrein-8) is also named as NRPN, PRSS19, TADG14. It is a new member of the human kallikrein family, which is predicted to be secreted and expected to be present in biological fluids (PMID:12507964). The protein is detectable in ovarian cancer tissue extracts, serum, and ascites fluid, indicating that it may serve as a new ovarian cancer marker (PMID:12782581). KLK8 has one predicted glycosylation site (PMID:20940292) and it has some isoforms produced by alternative splicing.

Storage

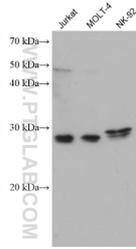
Storage:
Store at -80°C.

Storage Buffer:
PBS Only

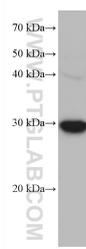
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA) E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

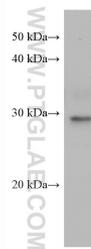
Selected Validation Data



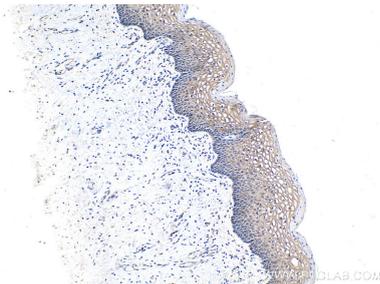
Various lysates were subjected to SDS PAGE followed by western blot with 68247-1-Ig (KLK8 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 68247-1-PBS in a different storage buffer formulation.



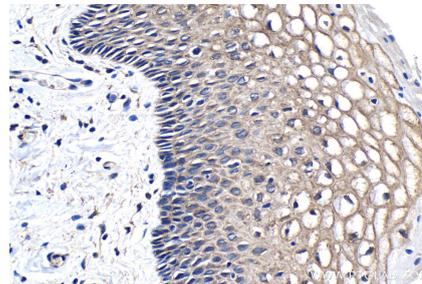
EC109 cells were subjected to SDS PAGE followed by western blot with 68247-1-Ig (KLK8 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 68247-1-PBS in a different storage buffer formulation.



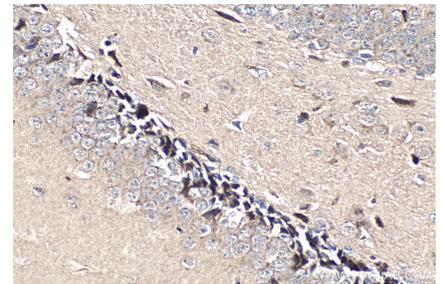
A431 cells were subjected to SDS PAGE followed by western blot with 68247-1-Ig (KLK8 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 68247-1-PBS in a different storage buffer formulation.



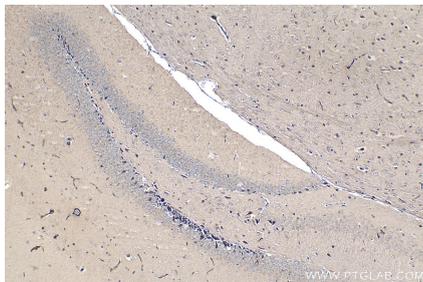
Immunohistochemical analysis of paraffin-embedded human cervical cancer tissue slide using 68247-1-Ig (KLK8 antibody) at dilution of 1:500 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 68247-1-PBS in a different storage buffer formulation.



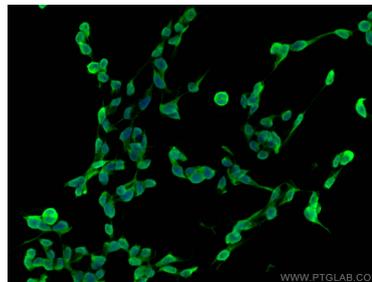
Immunohistochemical analysis of paraffin-embedded human cervical cancer tissue slide using 68247-1-Ig (KLK8 antibody) at dilution of 1:500 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 68247-1-PBS in a different storage buffer formulation.



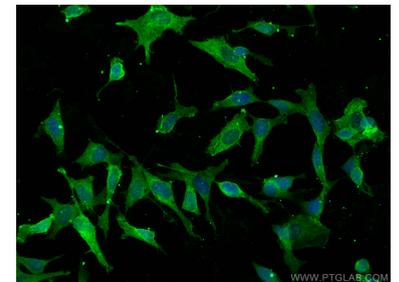
Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using 68247-1-Ig (KLK8 antibody) at dilution of 1:500 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 68247-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using 68247-1-Ig (KLK8 antibody) at dilution of 1:500 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 68247-1-PBS in a different storage buffer formulation.



Immunofluorescent analysis of (4% PFA) fixed SH-SY5Y cells using KLK8 antibody (68247-1-Ig, Clone: 2F3A8) at dilution of 1:800 and CoraLite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L). This data was developed using the same antibody clone with 68247-1-PBS in a different storage buffer formulation.



Immunofluorescent analysis of (4% PFA) fixed SH-SY5Y cells using KLK8 antibody (68247-1-Ig, Clone: 2F3A8) at dilution of 1:800 and CoraLite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L). This data was developed using the same antibody clone with 68247-1-PBS in a different storage buffer formulation.