

For Research Use Only

# Kininogen 1 Monoclonal antibody

Catalog Number:66123-1-Ig



## Basic Information

<b>Catalog Number:</b> 66123-1-Ig	<b>GenBank Accession Number:</b> BC060039	<b>Purification Method:</b> Protein G purification
<b>Size:</b> 150ul , Concentration: 1000 ug/ml by Bradford method using BSA as the standard;	<b>GeneID (NCBI):</b> 3827	<b>CloneNo.:</b> 10E8D11
<b>Source:</b> Mouse	<b>UNIPROT ID:</b> P01042	<b>Recommended Dilutions:</b> WB 1:5000-1:20000 IHC 1:50-1:500 IF/ICC 1:200-1:800
<b>Isotype:</b> IgG1	<b>Full Name:</b> kininogen 1	
<b>Immunogen Catalog Number:</b> AG19233	<b>Calculated MW:</b> 644 aa, 72 kDa	
	<b>Observed MW:</b> 68 kDa	

## Applications

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

**Species Specificity:**  
human

**Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (\*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0**

**Positive Controls:**

**WB :** human heart tissue, human placenta tissue, human plasma tissue

**IHC :** human breast cancer tissue, human ovary tumor tissue

**IF/ICC :** HeLa cells,

## Background Information

Kininogens are inhibitors of thiol proteases. Kininogen 1 plays important role in Kinin-kallikrein system. This gene is translated into High-molecular weight kininogen (HMWK) and low-molecular weight kininogen (LMWK) after alternative splicing. HMWK is produced by the liver together with prekallikrein. It acts mainly as a cofactor on coagulation and inflammation, and has no intrinsic catalytic activity. LMWK is produced locally by numerous tissues, and secreted together with tissue kallikrein.

## Storage

**Storage:**

Store at -20°C. Stable for one year after shipment.

**Storage Buffer:**

PBS with 0.02% sodium azide and 50% glycerol, pH7.3

Aliquoting is unnecessary for -20°C storage

\*\*\* 20ul sizes contain 0.1% BSA

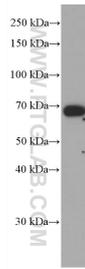
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

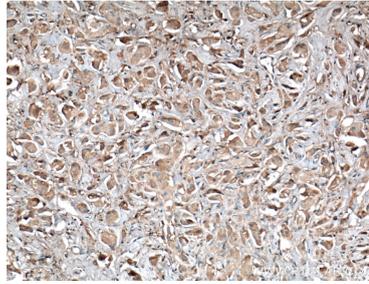
E: proteintech@ptglab.com  
W: ptglab.com

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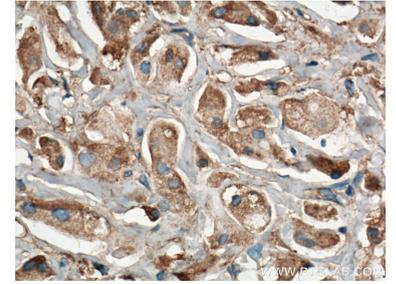
## Selected Validation Data



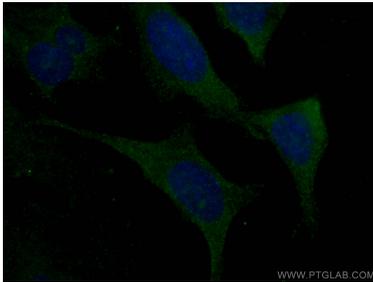
human heart tissue were subjected to SDS PAGE followed by western blot with 66123-1-Ig (Kininogen 1 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human breast cancer tissue slide using 66123-1-Ig (Kininogen 1 antibody) at dilution of 1:200 (under 10x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human breast cancer tissue slide using 66123-1-Ig (Kininogen 1 antibody) at dilution of 1:200 (under 40x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (-20°C Ethanol) fixed HeLa cells using Kininogen 1 antibody (66123-1-Ig, Clone: 10E8D11 ) at dilution of 1:400 and CoraLite®488-Conjugated Goat Anti-Mouse IgG(H+L).