



20150213ML

Anti-Human Kininogen (#11L36)

**FOR RESEARCH ONLY! NOT FOR HUMAN USE!**

Cat.-no.:	101-M537
Size:	100 µg
Lot. No.:	According to product label

Preparation: This antibody was produced from a hybridoma (mouse myeloma fused with spleen cells from a mouse) immunized with human recombinant protein of Kininogen.

Target Background

Synonyms (Target):	KNG1; BDK; KNG
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Kininogen, also known as 2-thiol proteinase inhibitor, is a multi-functional protein. The high molecule weight (HMW) form of kininogen is synthesized as a precursor protein (amino acid residues 1 to 644). The mature chain (residues 19 to 644) is further processed into the heavy chain (residues 19 to 380) and the light chain (residues 390 to 644) with release of the active peptide bradykinin. The heavy chain consists of three cystatin-like domains, which inhibit cysteine proteases. The light chain consists of a His-rich domain, which is associated with clotting activity.

Database References Target

Protein RefSeq:	NP_001095886.1
Uniprot ID:	P01042
mRNA RefSeq:	NM_001102416.2

Product Specifications

Host	Mouse
Reactivity against	Human
Clonality	Monoclonal Antibody
Clone	(#11L36)
Isotype	IgG2
Purification	Protein G chromatography
Antigen	human recombinant Kininogen
Formulation	lyophilized
Reconstitution buffer	PBS (sterile)

Reconstitution: Reconstitute the antibody with 200 µl sterile PBS and the final concentration is 500 µg/ml.

Stability: Lyophilized samples are stable for 2 years from date of receipt when stored at -70°C. Reconstituted antibody can be aliquoted and stored frozen at < -20 °C for at least for six months without detectable loss of activity.

Remarks: This antibody was selected for its ability to detect human Kininogen.

**AVOID REPEATED FREEZE AND THAW CYCLES!**

Applications

The antibody can be used within the following applications:

WB

Recommended usage:

Western Blot: 1:500 - 1:1000

NOTE: OPTIMAL DILUTIONS SHOULD BE DETERMINED BY EACH LABORATORY FOR EACH APPLICATION!