



20150116ML

Anti-Human Corin (#9H21)

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

Cat.-no.:	101-M338
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 Corin.

Target Background

Synonyms (Target):	CORIN; CRN; ATC2; Lrp4; TMPRSS10
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Corin is a type II transmembrane serine protease expressed predominantly in cardiomyocytes. It converts pro-atrial natriuretic peptide (pro-ANP) to ANP.

Database References Target

Protein RefSeq:	NP_006578.2
Uniprot ID:	Q9Y5Q5
mRNA RefSeq:	NM_006587.2

Product Specifications

Host	Rat
Reactivity against	Human
Clonality	Monoclonal Antibody
Clone	(#9H21)
Isotype	IgG2
Purification	Protein G chromatography
Antigen	human recombinant Corin
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 Corin.

**AVOID REPEATED FREEZE AND THAW CYCLES!**

Applications

The antibody can be used within the following applications:

WB

Recommended usage:

WB: 1:500-1000

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