



20150217ML

# Anti-Human Spinesin (#5B52)

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

<b>Cat.-no.:</b>	<b>101-M641</b>
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 the recombinant human Spinesin.

## Target Background

<b>Synonyms (Target):</b>	TMPRSS5; SPINESIN
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Spinesin is a type II transmembrane serine protease (TTSP). TTSPs have emerged as an important group of cell surface proteases with key roles in converting protein precursors into mature and functional molecules. All TTSPs are synthesized as single-chain precursors and processed into disulfide bond-linked dimers.

## Database References Target

<b>Protein RefSeq:</b>	NP_110397.2
<b>Uniprot ID:</b>	Q9H3S3
<b>mRNA RefSeq:</b>	NM_030770.2

## Product Specifications

<b>Host</b>	Mouse
<b>Reactivity against</b>	Human
<b>Clonality</b>	Monoclonal Antibody
<b>Clone</b>	(#5B52)
<b>Isotype</b>	IgG2
<b>Purification</b>	Protein G chromatography
<b>Antigen</b>	recombinant human Spinesin
<b>Formulation</b>	lyophilized
<b>Reconstitution buffer</b>	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 Spinesin.

**AVOID REPEATED FREEZE AND THAW CYCLES!**

## Applications

The antibody can be used within the following applications:

WB, N

**Recommended usage:**

Neutralization of Spinesin bioactivity: Yes

WB: Use at 1:500-1000

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