



20150217ML

# Anti-Human Trappin-2 (#1A9)

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

<b>Cat.-no.:</b>	<b>101-M686</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 Human Trappin-2 recombinant protein (also called Elafin).

## Target Background

<b>Synonyms (Target):</b>	PI3; ESI; WAP3; SKALP; WFDC14; cementoin
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Trappin-2 is a member of the trappin family that includes the SLPI (secretory leukocyte protease inhibitor) protein. Elafin or ESI (elastase-specific inhibitor) and SKALP (skin-derived anti-leukoproteinase) are alternative names for trappin-2 and reflect its protease targets. However, Elafin and SKALP sometimes correspond only to the processed form that contains the C-terminal WAP domain of the molecule.

## Database References Target

<b>Protein RefSeq:</b>	NP_002629.1
<b>Uniprot ID:</b>	P19957
<b>mRNA RefSeq:</b>	NM_002638

## Product Specifications

<b>Host</b>	Rat
<b>Reactivity against</b>	Human
<b>Clonality</b>	Monoclonal Antibody
<b>Clone</b>	(#1A9)
<b>Isotype</b>	IgG1
<b>Purification</b>	Protein G chromatography
<b>Antigen</b>	human recombinant Trappin-2
<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 Trappin-2.

**AVOID REPEATED FREEZE AND THAW CYCLES!**

## Applications

The antibody can be used within the following applications:

WB

**Recommended usage:**

WB: Use at 1:500-1000

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