

## Product datasheet

# Anti-Hsp105 antibody ab89823

[2 Images](#)

### Overview

<b>Product name</b>	Anti-Hsp105 antibody
<b>Description</b>	Mouse polyclonal to Hsp105
<b>Host species</b>	Mouse
<b>Tested applications</b>	<b>Suitable for:</b> WB
<b>Species reactivity</b>	<b>Reacts with:</b> Human
<b>Immunogen</b>	Full length human Hsp105 protein (NP_006635.2).
<b>Positive control</b>	Human liver tissue lysate, Hsp105 transfected 293T cell lysate

### Properties

<b>Form</b>	Liquid
<b>Storage instructions</b>	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.
<b>Storage buffer</b>	Preservative: None Constituents: 1X PBS, pH 7.2
<b>Purity</b>	Protein A purified
<b>Clonality</b>	Polyclonal
<b>Isotype</b>	IgG

### Applications

Our [Abpromise guarantee](#) covers the use of **ab89823** in the following tested applications.

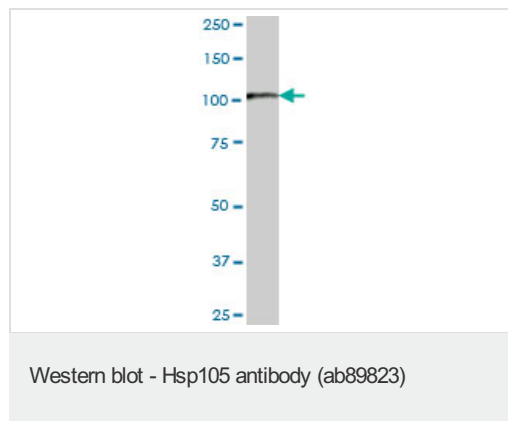
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
WB		Use a concentration of 1 µg/ml. Predicted molecular weight: 97 kDa.

### Target

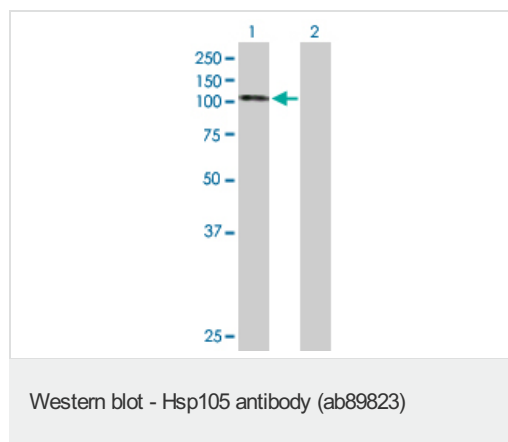
<b>Function</b>	Prevents the aggregation of denatured proteins in cells under severe stress, on which the ATP levels decrease markedly. Inhibits HSPA8/HSC70 ATPase and chaperone activities.
<b>Tissue specificity</b>	Highly expressed in testis. Present at lower levels in most brain regions, except cerebellum. Overexpressed in cancer cells.
<b>Sequence similarities</b>	Belongs to the heat shock protein 70 family.
<b>Post-translational modifications</b>	Phosphorylation on Ser-509 may be important for regulation of the HSPA8/HSC70 chaperone activity.
<b>Cellular localization</b>	Cytoplasm.

## Images



Anti-Hsp105 antibody (ab89823) at 1 µg/ml + human liver tissue lysate at 50 µg

**Predicted band size:** 97 kDa



**All lanes :** Anti-Hsp105 antibody (ab89823) at 1 µg/ml

**Lane 1 :** Hsp105 transfected 293T cell lysate

**Lane 2 :** Non transfected lysate

Lysates/proteins at 25 µg per lane.

**Predicted band size:** 97 kDa

**Please note:** All products are "FOR RESEARCH USE ONLY AND ARE NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE"

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