


## Product datasheet

# Anti-GST3 / GST pi antibody [EPR8262] ab134934

**KO VALIDATED** Recombinant RabMAB

[1 References](#) [3 Images](#)

### Overview

<b>Product name</b>	Anti-GST3 / GST pi antibody [EPR8262]
<b>Description</b>	Rabbit monoclonal [EPR8262] to GST3 / GST pi
<b>Host species</b>	Rabbit
<b>Tested applications</b>	<b>Suitable for:</b> WB <b>Unsuitable for:</b> Flow Cyt, ICC/IF or IP
<b>Species reactivity</b>	<b>Reacts with:</b> Mouse, Human <b>Predicted to work with:</b> Rat 
<b>Immunogen</b>	Synthetic peptide within Human GST3/ GST pi aa 50-150. The exact sequence is proprietary.
<b>Positive control</b>	K562, Jurkat and Hek 293 cell lysates.
<b>General notes</b>	<p>This product is a recombinant monoclonal antibody, which offers several advantages including:</p> <ul style="list-style-type: none"><li>- High batch-to-batch consistency and reproducibility</li><li>- Improved sensitivity and specificity</li><li>- Long-term security of supply</li><li>- Animal-free production</li></ul> <p>For more information <a href="#">see here</a>.</p> <p>Our RabMAB<sup>®</sup> technology is a patented hybridoma-based technology for making rabbit monoclonal antibodies. For details on our patents, please refer to <a href="#">RabMAB<sup>®</sup> patents</a>.</p>

### Properties

<b>Form</b>	Liquid
<b>Storage instructions</b>	Shipped at 4°C. Store at -20°C.
<b>Storage buffer</b>	pH: 7.2 Preservative: 0.01% Sodium azide Constituents: 9% PBS, 40% Glycerol (glycerin, glycerine), 0.05% BSA, 50% Tissue culture supernatant
<b>Purity</b>	Protein A purified
<b>Clonality</b>	Monoclonal
<b>Clone number</b>	EPR8262

Isotype

IgG

## Applications

### The Abpromise guarantee

Our **Abpromise guarantee** covers the use of ab134934 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		1/1000 - 1/10000. Predicted molecular weight: 23 kDa.

### Application notes

Is unsuitable for Flow Cyt, ICC/IF or IP.

## Target

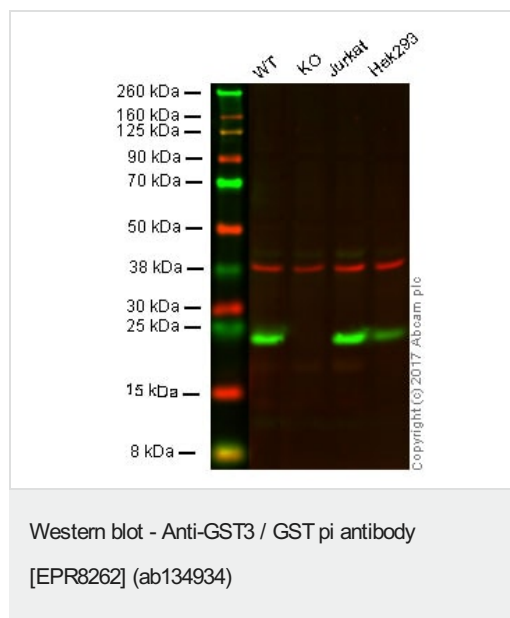
### Function

Conjugation of reduced glutathione to a wide number of exogenous and endogenous hydrophobic electrophiles.

### Sequence similarities

Belongs to the GST superfamily. Pi family.  
Contains 1 GST C-terminal domain.  
Contains 1 GST N-terminal domain.

## Images



**Lane 1:** Wild type HAP1 whole cell lysate (20 µg)

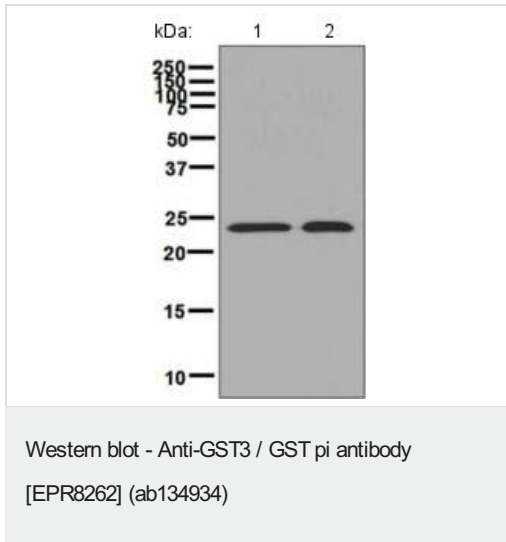
**Lane 2:** GST3 knockout HAP1 whole cell lysate (20 µg)

**Lane 3:** Jurkat whole cell lysate (20 µg)

**Lane 4:** Hek293 whole cell lysate (20 µg)

**Lanes 1 - 4:** Merged signal (red and green). Green - ab134934 observed at 23 kDa. Red - loading control, **ab9484**, observed at 37 kDa.

ab134934 was shown to specifically react with GST3 when GST3 knockout samples were used. Wild-type and GST3 knockout samples were subjected to SDS-PAGE. Ab134934 and **ab9484** (Mouse anti GAPDH loading control) were incubated overnight at 4°C at 1000 dilution and 1/10000 dilution respectively. Blots were developed with Goat anti-Rabbit IgG H&L (IRDye® 800CW) preabsorbed **ab216773** and Goat anti-Mouse IgG H&L (IRDye® 680RD) preabsorbed **ab216776** secondary antibodies at 1/10000 dilution for 1 hour at room temperature before imaging.



**All lanes :** Anti-GST3 / GST pi antibody [EPR8262] (ab134934) at 1/1000 dilution

**Lane 1 :** K562 cell lysate

**Lane 2 :** Jurkat cell lysate





Lysates/proteins at 10 µg per lane.

**Secondary**

**All lanes :** Standard HRP labelled goat anti-rabbit at 1/2000 dilution

**Predicted band size:** 23 kDa

Why choose a recombinant antibody?

 <p><b>Research with confidence</b> Consistent and reproducible results</p>	 <p><b>Long-term and scalable supply</b> Recombinant technology</p>
 <p><b>Success from the first experiment</b> Confirmed specificity</p>	 <p><b>Ethical standards compliant</b> Animal-free production</p>

Anti-GST3 / GST pi antibody [EPR8262] (ab134934)

**Please note:** All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

**Our Abpromise to you: Quality guaranteed and expert technical support**

- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
- Response to your inquiry within 24 hours
- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise, please visit <https://www.abcam.com/abpromise> or contact our technical team.

## Terms and conditions

---

- Guarantee only valid for products bought direct from Abcam or one of our authorized distributors