


## Product datasheet

### Anti-GSTA4 antibody [EPR8404(B)] ab134919

Recombinant RabMAb

★★★★★ 1 Abreviews 1 References 2 Images

#### Overview

Product name	Anti-GSTA4 antibody [EPR8404(B)]
Description	Rabbit monoclonal [EPR8404(B)] to GSTA4
Host species	Rabbit
Tested applications	<b>Suitable for:</b> WB <b>Unsuitable for:</b> Flow Cyt, ICC/IF or IHC-P
Species reactivity	<b>Reacts with:</b> Human <b>Predicted to work with:</b> Rat 
Immunogen	Synthetic peptide within Human GSTA4 aa 1-100 (N terminal). The exact sequence is proprietary.
Positive control	Human fetal brain, fetal liver, 293T, HepG2 and JAR cell lysates.
General notes	<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> <p>Mouse: We have preliminary internal testing data to indicate this antibody may not react with this species. Please contact us for more information.</p>

#### Properties

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

<b>Clonality</b>	Monoclonal
<b>Clone number</b>	EPR8404(B)
<b>Isotype</b>	IgG

## Applications

**The Abpromise guarantee** Our **Abpromise guarantee** covers the use of ab134919 in the following tested applications. The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

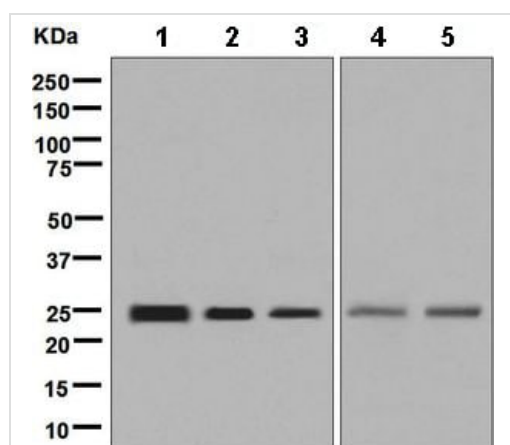
Application	Abreviews	Notes
WB	★★★★★ (1)	1/1000 - 1/10000. Predicted molecular weight: 26 kDa.

**Application notes** Is unsuitable for Flow Cyt, ICC/IF or IHC-P.

## Target

<b>Function</b>	Conjugation of reduced glutathione to a wide number of exogenous and endogenous hydrophobic electrophiles. This isozyme has a high catalytic efficiency with 4-hydroxyalkenals such as 4-hydroxynonenal (4-HNE).
<b>Tissue specificity</b>	Expressed at a high level in brain, placenta, and skeletal muscle and much lower in lung and liver.
<b>Sequence similarities</b>	Belongs to the GST superfamily. Alpha family. Contains 1 GST C-terminal domain. Contains 1 GST N-terminal domain.
<b>Cellular localization</b>	Cytoplasm.

## Images



Western blot - Anti-GSTA4 antibody [EPR8404(B)]  
(ab134919)

**All lanes** : Anti-GSTA4 antibody [EPR8404(B)] (ab134919) at 1/1000 dilution

**Lane 1** : Human fetal brain lysate

**Lane 2** : Human fetal liver lysate

**Lane 3** : 293T cell lysate

**Lane 4** : HepG2 cell lysate

**Lane 5** : JAR cell lysate

Lysates/proteins at 10 µg per lane.





### Secondary

**All lanes** : Goat-anti-rabbit HRP at 1/2000 dilution

Developed using the ECL technique.

**Predicted band size: 26 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-GSTA4 antibody [EPR8404(B)] (ab134919)

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

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