

## Product datasheet

# Anti-Glutathione S Transferase theta 2 antibody ab55190

1 Image

### Overview

<b>Product name</b>	Anti-Glutathione S Transferase theta 2 antibody
<b>Description</b>	Mouse monoclonal to Glutathione S Transferase theta 2
<b>Host species</b>	Mouse
<b>Tested applications</b>	<b>Suitable for:</b> WB
<b>Species reactivity</b>	<b>Reacts with:</b> Recombinant fragment <b>Predicted to work with:</b> Human
<b>Immunogen</b>	Recombinant fragment: WLEDKFLGDR PFLAGQQVTL ADLMALEELM QPVALGYELF EGRPRLAAWR GRVEAFLGAE LCQEAHSIIL SILEQAAKKT LPTPSPEAYQ AMLLRARIP , corresponding to amino acids 145-245 of Human Glutathione S Transferase theta 2 <a href="#">Run BLAST with ExPASy</a> <a href="#">Run BLAST with NCBI</a>

### 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 PBS, pH 7.2
<b>Purity</b>	Protein G purified
<b>Clonality</b>	Monoclonal
<b>Isotype</b>	IgG2a
<b>Light chain type</b>	kappa

### Applications

Our [Abpromise guarantee](#) covers the use of **ab55190** in the following tested applications.

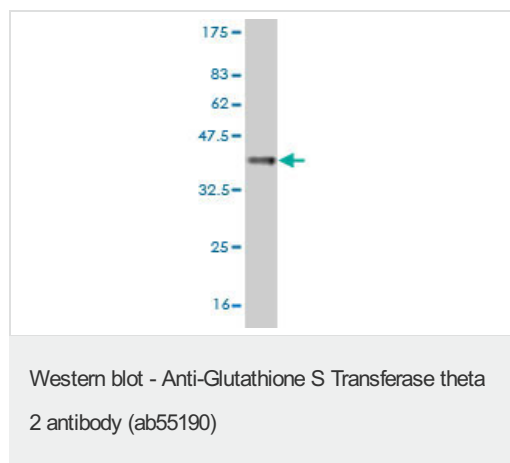
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
WB		Use a concentration of 1 - 5 µg/ml. This antibody has only been tested in WB against the recombinant fragment used as immunogen. We have no data on the detection of endogenous protein.

## Target

<b>Function</b>	Conjugation of reduced glutathione to a wide number of exogenous and endogenous hydrophobic electrophiles. Has a sulfatase activity.
<b>Tissue specificity</b>	Expressed at low levels in liver. In lung, expressed at low levels in ciliated bronchiolar cells, alveolar macrophages and alveolar type II cells.
<b>Sequence similarities</b>	Belongs to the GST superfamily. Theta family. Contains 1 GST C-terminal domain. Contains 1 GST N-terminal domain.
<b>Cellular localization</b>	Cytoplasm.

## Images



Western blot against tagged recombinant protein immunogen using ab55190 Glutathione S Transferase theta 2 antibody at 1ug/ml. Predicted band size of immunogen is 37 kDa.

This antibody has only been tested in WB against the recombinant fragment used as immunogen. We have no data on the detection of endogenous protein.

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

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