

Anti-GSTM5 antibody ab154018

[1 References](#) [4 Images](#)

Overview

Product name	Anti-GSTM5 antibody
Description	Rabbit polyclonal to GSTM5
Host species	Rabbit
Tested applications	Suitable for: WB, IHC-P, ICC/IF
Species reactivity	Reacts with: Mouse, Rat, Human
Immunogen	Recombinant fragment, corresponding to a region within amino acids 1-218 of Human GSTM5 (Uniprot ID: P46439).
Positive control	Mouse and Rat testis lysates; HeLa cells; Human SG xenograft tissue.
General notes	<p>The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.</p> <p>If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&As</p>

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle.
Storage buffer	<p>pH: 7.00</p> <p>Preservative: 0.01% Thimerosal (merthiolate)</p> <p>Constituents: 1.21% Tris, 0.75% Glycine, 10% Glycerol (glycerin, glycerine)</p>
Purity	Immunogen affinity purified
Clonality	Polyclonal
Isotype	IgG

Applications

The Abpromise guarantee Our **Abpromise guarantee** covers the use of ab154018 in the following tested applications.

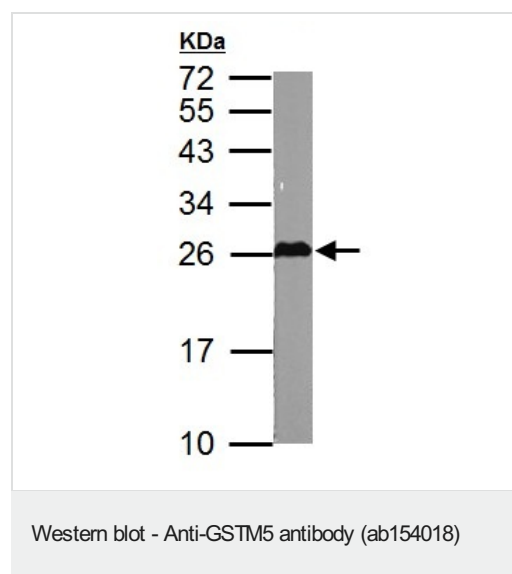
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
WB		1/5000 - 1/20000. Predicted molecular weight: 26 kDa.
IHC-P		1/100 - 1/1000. Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol.
ICC/IF		1/100 - 1/1000.

Target

Function	Conjugation of reduced glutathione to a wide number of exogenous and endogenous hydrophobic electrophiles.
Sequence similarities	Belongs to the GST superfamily. Mu family. Contains 1 GST C-terminal domain. Contains 1 GST N-terminal domain.
Cellular localization	Cytoplasm.

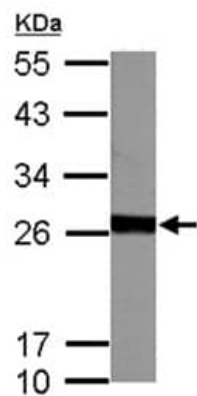
Images



Anti-GSTM5 antibody (ab154018) at 1/10000 dilution + Mouse testis whole cell lysate at 50 µg

Predicted band size: 26 kDa

12% SDS PAGE

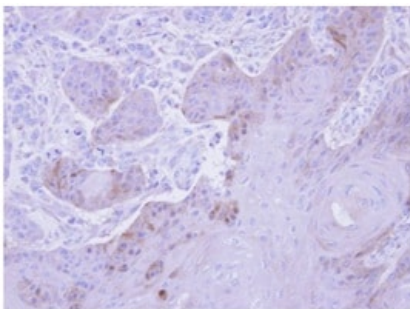


Western blot - Anti-GSTM5 antibody (ab154018)

Anti-GSTM5 antibody (ab154018) at 1/10000 dilution + Rat testis whole cell lysate at 50 µg

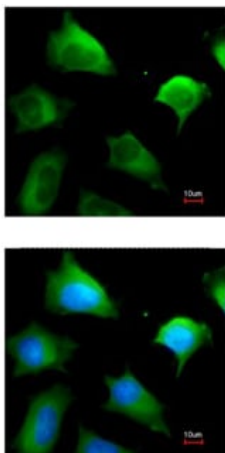
Predicted band size: 26 kDa

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Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-GSTM5 antibody (ab154018)

Immunohistochemical analysis of paraffin-embedded Human SG xenograft tissue labeling GSTM5 with ab154018 at 1/500 dilution.



Immunofluorescent analysis of paraformaldehyde-fixed HeLa cells labeling GSTM5 with ab154018 at 1/200 dilution. Lower image is merged with DNA probe.

Immunocytochemistry/ Immunofluorescence - Anti-GSTM5 antibody (ab154018)

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

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