

Product datasheet

Anti-GST3 / GST pi antibody [EPR8262] ab134934

KO VALIDATED Recombinant RabMAb[®]

[1 References](#) [2 Images](#)

Overview

Product name	Anti-GST3 / GST pi antibody [EPR8262]
Description	Rabbit monoclonal [EPR8262] to GST3 / GST pi
Host species	Rabbit
Tested applications	Suitable for: WB, IHC-P Unsuitable for: Flow Cyt, ICC/IF or IP
Species reactivity	Reacts with: Mouse, Rat, Human
Immunogen	Synthetic peptide within Human GST3/ GST pi aa 50-150. The exact sequence is proprietary.
Positive control	K562, Jurkat and Hek 293 cell lysates.
General notes	

Our RabMAb[®] technology is a patented hybridoma-based technology for making rabbit monoclonal antibodies. For details on our patents, please refer to [RabMab[®] patents](#).

This product is a [recombinant rabbit monoclonal antibody](#).

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at -20°C.
Storage buffer	Preservative: 0.01% Sodium azide Constituents: 9% PBS, 40% Glycerol, 0.05% BSA, 50% Tissue culture supernatant
Purity	Tissue culture supernatant
Clonality	Monoclonal
Clone number	EPR8262
Isotype	IgG

Applications

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.
IHC-P		1/100 - 1/250. Perform heat mediated antigen retrieval before commencing with IHC staining protocol.

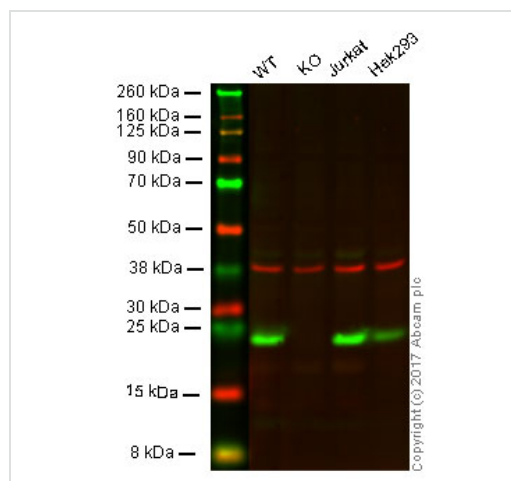
Application notes Is unsuitable for Flow Cyt, ICC/IF or IP.

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



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

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

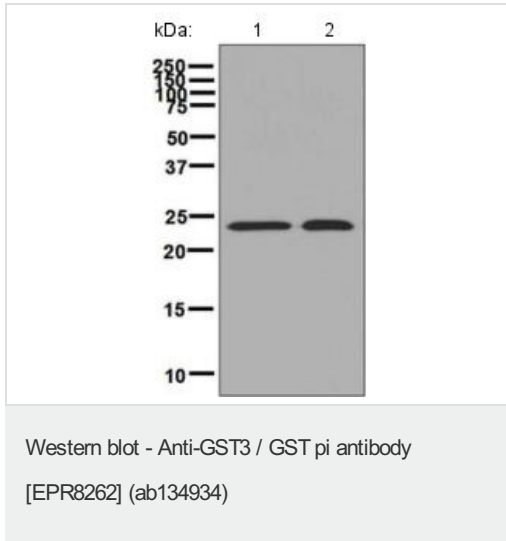
Lane 2: GST3 knockout HAP1 whole cell lysate (20 µg)

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

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

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