

Product datasheet

Anti-GST antibody [EPR4236] - BSA and Azide free ab235384

Recombinant RabMAb

3 Images

Overview

Product name	Anti-GST antibody [EPR4236] - BSA and Azide free
Description	Rabbit monoclonal [EPR4236] to GST - BSA and Azide free
Host species	Rabbit
Tested applications	Suitable for: WB, IP, ICC/IF Unsuitable for: Flow Cyt or IHC-P
Species reactivity	Reacts with: Species independent
Immunogen	Synthetic peptide (GST-tag) within GST aa 300-450. The exact sequence is proprietary. GST tag was fused to ATG16L1 to produce a recombinant protein. Database link: Q676U5
General notes	<p>ab235384 is the carrier-free version of ab111947.</p> <p>Our carrier-free antibodies are typically supplied in a PBS-only formulation, purified and free of BSA, sodium azide and glycerol. The carrier-free buffer and high concentration allow for increased conjugation efficiency.</p> <p>This conjugation-ready format is designed for use with fluorochromes, metal isotopes, oligonucleotides, and enzymes, which makes them ideal for antibody labelling, functional and cell-based assays, flow-based assays (e.g. mass cytometry) and Multiplex Imaging applications.</p> <p>Use our conjugation kits for antibody conjugates that are ready-to-use in as little as 20 minutes with <1 minute hands-on-time and 100% antibody recovery: available for fluorescent dyes, HRP, biotin and gold.</p> <p>This product is compatible with the Maxpar[®] Antibody Labeling Kit from Fluidigm, without the need for antibody preparation. Maxpar[®] is a trademark of Fluidigm Canada Inc.</p> <p>This product is a recombinant monoclonal antibody, which offers several advantages including:</p> <ul style="list-style-type: none">- High batch-to-batch consistency and reproducibility- Improved sensitivity and specificity- Long-term security of supply- Animal-free production <p>For more information see here.</p> <p>Our RabMAb[®] technology is a patented hybridoma-based technology for making rabbit monoclonal antibodies. For details on our patents, please refer to RabMAb[®] patents.</p>

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at +4°C. Do Not Freeze.
Storage buffer	pH: 7.2 Constituent: PBS
Carrier free	Yes
Purity	Protein A purified
Clonality	Monoclonal
Clone number	EPR4236
Isotype	IgG

Applications

The Abpromise guarantee Our **Abpromise guarantee** covers the use of ab235384 in the following tested applications. The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

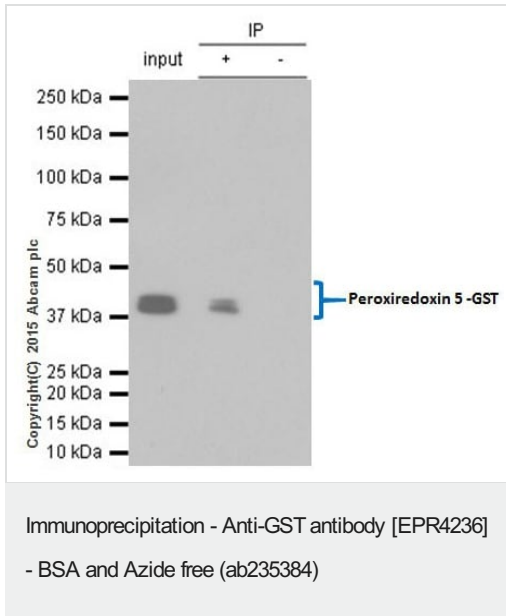
Application	Abreviews	Notes
WB		Use at an assay dependent concentration. Predicted molecular weight: 26 kDa.
IP		Use at an assay dependent concentration.
ICC/IF		Use at an assay dependent concentration.

Application notes Is unsuitable for Flow Cyt or IHC-P.

Target

Relevance GST (Glutathione S-Transferase) is a 26kDa protein encoded by the parasitic helminth *Schistosoma japonicum* and widely used in the pGEX family of GST plasmid expression vectors as a fusion protein with foreign proteins.

Images



(Cross IP) GST immunoprecipitation from transfected 293T whole cell lysate using **ab111947**. 1 mg of cell lysate was incubated with capture antibody (**ab111947**) at 1/20 dilution.

Lane 1: Primary: **ab180123**, 1/1000 dilution

Sample: 293T transfected with GST tagged protein vector cell lysate 10 ug

Lane 2: Primary: **ab180123**, 1/1000 dilution

Sample: 293T transfected with GST tagged protein vector cell lysate

Secondary: **ab131366**, Veriblot, 1/10000 dilution

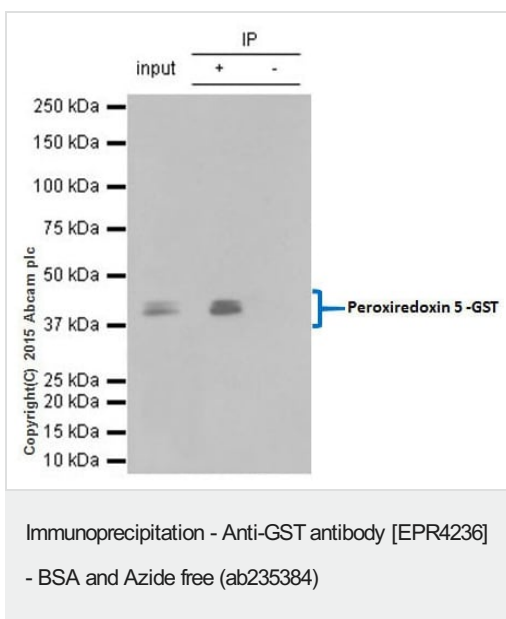
Lane 3: Primary: **ab172730**, Rabbit monoclonal IgG

Sample: 293T transfected with GST tagged protein vector cell lysate

All lanes: VeriBlot for IP Detection Reagent (HRP) (**ab131366**), was used for detection at 1/10,000 dilution

Blocking and diluting buffer: 5% NFDm/TBST

This data was developed using the same antibody clone in a different buffer formulation containing PBS, BSA, glycerol, and sodium azide (**ab111947**).



GST immunoprecipitation from transfected 293T whole cell lysate using **ab111947**. 1 mg of cell lysate was incubated with capture antibody (**ab111947**) at 1/20 dilution.

Lane 1: Primary: **ab111947**, 1/1000 dilution

Sample: 293T transfected with GST tagged protein vector cell lysate 10 ug

Lane 2: Primary: **ab111947**, 1/1000 dilution

Sample: 293T transfected with GST tagged protein vector cell lysate

Lane 3: Primary: **ab172730**, Rabbit monoclonal IgG

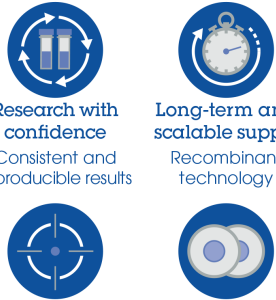
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All lanes: VeriBlot for IP Detection Reagent (HRP) (**ab131366**), was used for detection at 1/10,000 dilution

Blocking and diluting buffer: 5% NFDm/TBST

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Why choose a recombinant antibody?



Research with confidence
Consistent and reproducible results

Long-term and scalable supply
Recombinant technology

Success from the first experiment
Confirmed specificity

Ethical standards compliant
Animal-free production

Anti-GST antibody [EPR4236] - BSA and Azide free (ab235384)

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

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