

Product datasheet

SureLight® APC Anti-GST antibody ab72568

[1 Image](#)

Overview

Product name	SureLight® APC Anti-GST antibody
Description	SureLight® APC Goat polyclonal to GST
Host species	Goat
Conjugation	SureLight® APC. Ex: 652nm, Em: 657nm
Tested applications	Suitable for: Flow Cyt (Intra), Flow Cyt, FRET
Species reactivity	Reacts with: Species independent
Immunogen	Glutathione-S-Transferase

General notes

ab72568 has been optimized for use in High throughput screening (HTS) and fluorescence resonance energy transfer (FRET) assays.

Excitation maximum:652 nm Emission maximum:657.5 nm F:P 1:1.

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.

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

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at +4°C. Store In the Dark.
Storage buffer	pH: 7.40 Preservative: 0.013% Sodium azide Constituents: 1.71% Sucrose, 0.1% BSA, 0.87% Sodium chloride, 1.64% Sodium phosphate
Purity	Size exclusion
Purification notes	Size exclusion chromatography as well as some proprietary methods for purifying the final materials were used.
Primary antibody notes	ab72568 has been optimized for use in High throughput screening (HTS) and fluorescence

resonance energy transfer (FRET) assays.

Clonality

Polyclonal

Isotype

IgG

Applications

The Abpromise guarantee

Our **Abpromise guarantee** covers the use of ab72568 in the following tested applications.

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

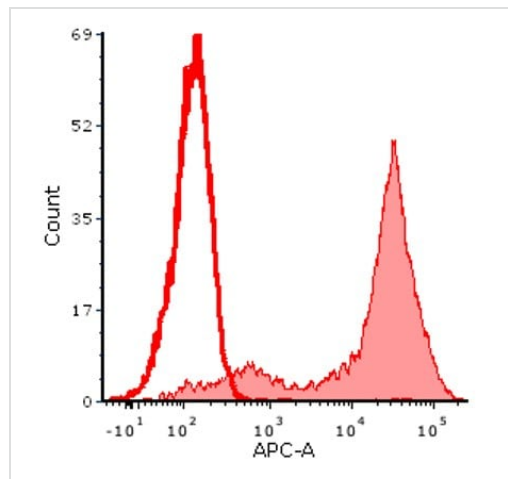
Application	Abreviews	Notes
Flow Cyt (Intra)		Use a concentration of 1 µg/ml.
Flow Cyt		Use at an assay dependent concentration.
FRET		Use at an assay dependent concentration.

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



Flow Cytometry analysis of transfected HEK293 cells. Fixed and permeabilized cells stained with 1 µg/ml of ab72568.

Shaded histogram – HEK293 cells, expressing GST-tagged protein

Open histogram – mock transfected control HEK293 cells

Flow Cytometry (Intracellular) - SureLight® APC
Anti-GST antibody (ab72568)

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

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- Valid for 12 months from date of delivery
- Response to your inquiry within 24 hours

- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

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