

# Anti-Cripto1/CRIPTO antibody [EPR22230-60] - BSA and Azide free ab244553

Recombinant RabMAb

2 Images

### Overview

Product name	Anti-Cripto1/CRIPTO antibody [EPR22230-60] - BSA and Azide free
Description	Rabbit monoclonal [EPR22230-60] to Cripto1/CRIPTO - BSA and Azide free
Host species	Rabbit
Tested applications	<b>Suitable for:</b> WB, IP <b>Unsuitable for:</b> Flow Cyt, ICC/IF or IHC-P
Species reactivity	<b>Reacts with:</b> Human
Immunogen	Recombinant fragment. This information is proprietary to Abcam and/or its suppliers.
Positive control	IP: NCCIT whole cell lysate.
General notes	<p>ab244553 is the carrier-free version of <a href="#">ab229016</a>.</p> <p>Our <b>carrier-free</b> 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 <b>conjugation kits</b> for antibody conjugates that are ready-to-use in as little as 20 minutes with &lt;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<sup>®</sup> Antibody Labeling Kit from Fluidigm, without the need for antibody preparation. Maxpar<sup>®</sup> 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"> <li>- High batch-to-batch consistency and reproducibility</li> <li>- Improved sensitivity and specificity</li> <li>- Long-term security of supply</li> <li>- Animal-free production</li> </ul> <p>For more information <a href="#">see here</a>.</p> <p>Our RabMAb<sup>®</sup> technology is a patented hybridoma-based technology for making rabbit monoclonal antibodies. For details on our patents, please refer to <a href="#">RabMAb<sup>®</sup> patents</a>.</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	EPR22230-60
Isotype	IgG

## Applications

**The Abpromise guarantee** Our **Abpromise guarantee** covers the use of ab244553 in the following tested applications. The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

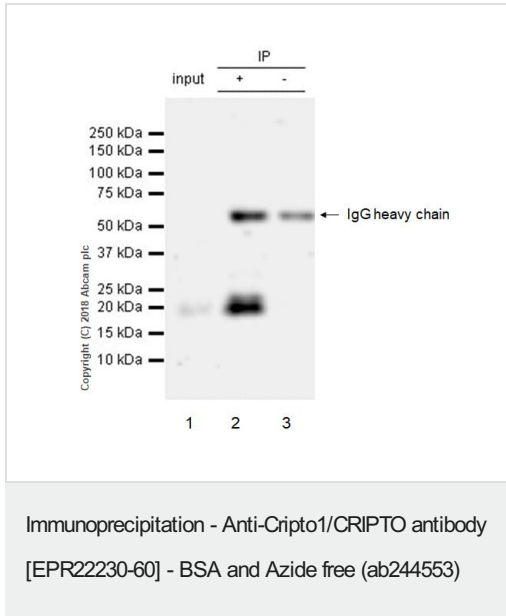
Application	Abreviews	Notes
WB		Use at an assay dependent concentration. Detects a band of approximately 17, 21 kDa (predicted molecular weight: 21 kDa).
IP		Use at an assay dependent concentration.

**Application notes** Is unsuitable for Flow Cyt, ICC/IF or IHC-P.

## Target

Function	Could play a role in the determination of the epiblastic cells that subsequently give rise to the mesoderm.
Tissue specificity	Preferentially expressed in gastric and colorectal carcinomas than in their normal counterparts.
Sequence similarities	Contains 1 EGF-like domain.
Cellular localization	Cell membrane.

## Images



Cripto1/CRIPTO was immunoprecipitated from 0.35 mg of NCCIT (human pluripotent embryonic carcinoma cell line) whole cell lysate with **ab229016** at 1/30 dilution. Western blot was performed from the immunoprecipitate using **ab229016** at 1/1000 dilution. VeriBlot for IP Detection Reagent (HRP) (**ab131366**), was used for detection at 1/5000 dilution.

**Lane 1:** NCCIT whole cell lysate 10 µg (Input).

**Lane 2:** **ab229016** IP in NCCIT whole cell lysate.

**Lane 3:** Rabbit monoclonal IgG (**ab172730**) instead of **ab229016** in NCCIT whole cell lysate.

Blocking and dilution buffer and concentration: 5% NFDM/TBST.

Exposure time: 2 minutes.

This data was developed using the same antibody clone in a different buffer formulation containing PBS, BSA, glycerol, and sodium azide (**ab229016**).

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-Cripto1/CRIPTO antibody [EPR22230-60] - BSA and Azide free (ab244553)

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

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