

Product datasheet

Anti-MTA2/PID antibody [EPR8537(2)] ab171073

Recombinant RabMAb

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Overview

Product name	Anti-MTA2/PID antibody [EPR8537(2)]
Description	Rabbit monoclonal [EPR8537(2)] to MTA2/PID
Host species	Rabbit
Tested applications	Suitable for: ICC/IF, IHC-P, WB, Flow Cyt (Intra) Unsuitable for: IP
Species reactivity	Reacts with: Human Does not react with: Mouse, Rat
Immunogen	Synthetic peptide. This information is proprietary to Abcam and/or its suppliers.
Positive control	MCF7, HeLa and SW480 cell lysates. Paraffin-embedded Human kidney and Human colonic carcinoma tissue. HeLa cells.
General notes	<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 short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term. Avoid freeze / thaw cycle.
Storage buffer	pH: 7.2 Preservative: 0.01% Sodium azide Constituents: 9% PBS, 40% Glycerol (glycerin, glycerine), 0.05% BSA, 50% Tissue culture supernatant
Purity	Tissue culture supernatant
Clonality	Monoclonal

Clone number EPR8537(2)

Isotype IgG

Applications

The Abpromise guarantee Our **Abpromise guarantee** covers the use of ab171073 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
ICC/IF		1/250 - 1/500.
IHC-P		1/50 - 1/100. Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol. Antigen retrieval is recommended
WB		1/1000 - 1/5000. Predicted molecular weight: 75 kDa.
Flow Cyt (Intra)		1/100 - 1/500. ab172730 - Rabbit monoclonal IgG, is suitable for use as an isotype control with this antibody.

Application notes Is unsuitable for IP.

Target

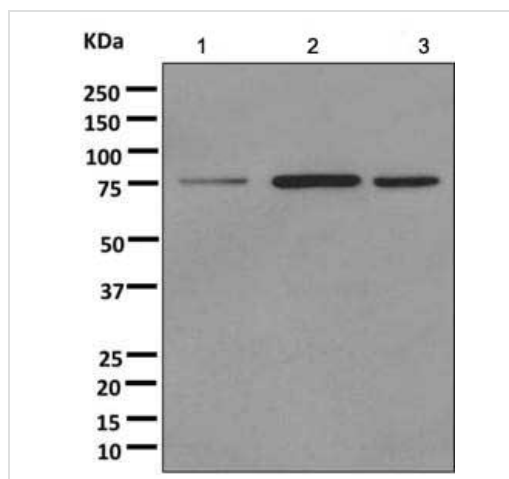
Function May be involved in the regulation of gene expression as repressor and activator. The repression might be related to covalent modification of histone proteins.

Tissue specificity Widely expressed.

Sequence similarities Contains 1 BAH domain.
Contains 1 ELM2 domain.
Contains 1 GATA-type zinc finger.
Contains 1 SANT domain.

Cellular localization Nucleus.

Images



Western blot - Anti-MTA2/PID antibody
[EPR8537(2)] (ab171073)

All lanes : Anti-MTA2/PID antibody [EPR8537(2)] (ab171073) at 1/1000 dilution

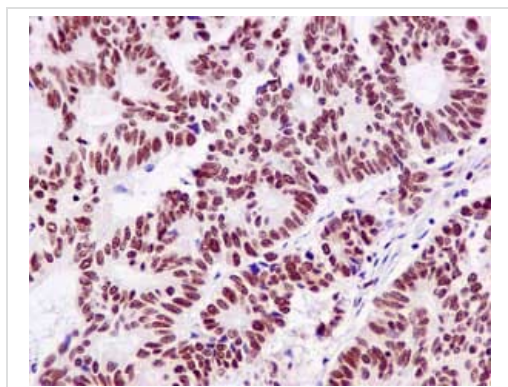
Lane 1 : MCF7 cell lysate

Lane 2 : HeLa cell lysate

Lane 3 : SW480 cell lysate

Lysates/proteins at 10 µg per lane.

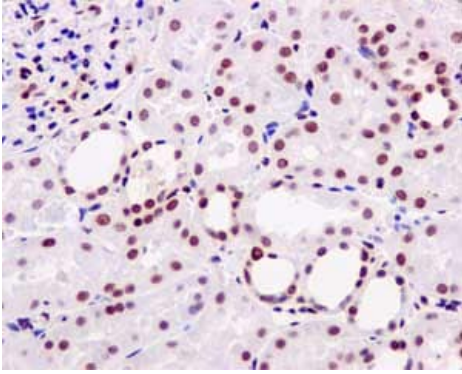
Predicted band size: 75 kDa



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-MTA2/PID antibody
[EPR8537(2)] (ab171073)

Immunohistochemical analysis of paraffin-embedded Human colonic carcinoma tissue labeling MTA2/PID with ab171073 at 1/50 dilution.

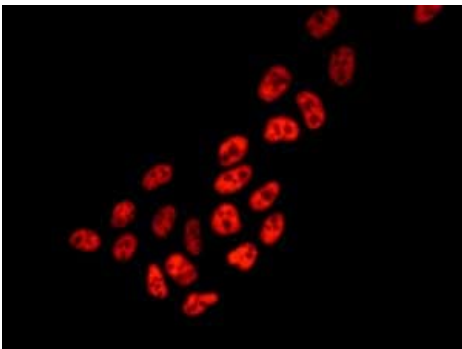
Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-MTA2/PID antibody [EPR8537(2)] (ab171073)

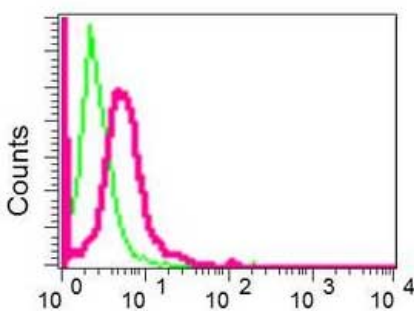
Immunohistochemical analysis of paraffin-embedded Human kidney tissue labeling MTA2/PID with ab171073 at 1/50 dilution.

Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol.



Immunocytochemistry/ Immunofluorescence - Anti-MTA2/PID antibody [EPR8537(2)] (ab171073)

Immunofluorescent staining of HeLa cells labeling MTA2/PID with ab171073 at 1/250 dilution.



Flow Cytometry (Intracellular) - Anti-MTA2/PID antibody [EPR8537(2)] (ab171073)

Intracellular flow cytometric analysis of permeabilized Hela cells labeling MTA2/PID with ab171073 at 1/100 dilution (red) or a rabbit IgG negative (green).

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-MTA2/PID antibody [EPR8537(2)] (ab171073)

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

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