


Product datasheet

Anti-ICAD antibody [EPR4222(2)] ab108521

Recombinant RabMAb

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

Overview

Product name	Anti-ICAD antibody [EPR4222(2)]
Description	Rabbit monoclonal [EPR4222(2)] to ICAD
Host species	Rabbit
Tested applications	Suitable for: WB Unsuitable for: Flow Cyt, ICC/IF, IHC-P or IP
Species reactivity	Reacts with: Human Predicted to work with: Mouse, Rat 
Immunogen	Synthetic peptide. This information is proprietary to Abcam and/or its suppliers.
Positive control	HepG2, U937, A431, and A549 cell lysates
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 -20°C. Stable for 12 months at -20°C.
Storage buffer	pH: 7.20 Preservative: 0.05% Sodium azide Constituents: 0.1% BSA, 40% Glycerol (glycerin, glycerine), 9.85% Tris glycine, 50% Tissue culture supernatant
Purity	Tissue culture supernatant
Clonality	Monoclonal
Clone number	EPR4222(2)

Isotype IgG

Applications

The Abpromise guarantee Our **Abpromise guarantee** covers the use of ab108521 in the following tested applications. The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

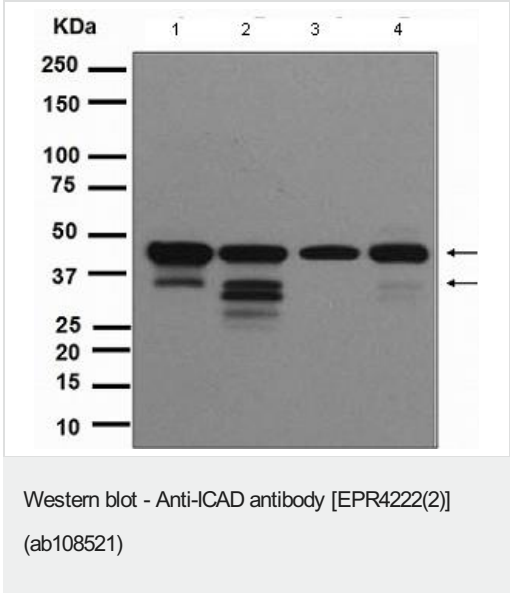
Application	Abreviews	Notes
WB		1/10000 - 1/50000. Predicted molecular weight: 37 kDa.

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

Target

Function	Inhibitor of the caspase-activated DNase (DFF40).
Sequence similarities	Contains 1 CIDE-N domain.
Post-translational modifications	Caspase-3 cleaves DFF45 at 2 sites to generate an active factor. Phosphorylated upon DNA damage, probably by ATM or ATR.
Cellular localization	Cytoplasm.

Images



All lanes : Anti-ICAD antibody [EPR4222(2)] (ab108521) at 1/10000 dilution

- Lane 1 :** HepG2 cell lysate
- Lane 2 :** U937 cell lysate
- Lane 3 :** A431 cell lysate
- Lane 4 :** A549 cell lysate

Lysates/proteins at 10 µg per lane.

Predicted band size: 37 kDa

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-ICAD antibody [EPR4222(2)] (ab108521)

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

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