

Product datasheet

Anti-WAPL/FOE antibody [EPR3407(2)] - BSA and Azide free ab232016

Recombinant RabMAb

1 Image

Overview

Product name	Anti-WAPL/FOE antibody [EPR3407(2)] - BSA and Azide free
Description	Rabbit monoclonal [EPR3407(2)] to WAPL/FOE - BSA and Azide free
Host species	Rabbit
Tested applications	Suitable for: ICC/IF, WB, IP
Species reactivity	Reacts with: Human
Immunogen	Synthetic peptide within Human WAPL/FOE aa 50-150. The exact sequence is proprietary.
Positive control	ICC/IF: HeLa cells.
General notes	ab232016 is the carrier-free version of ab109537 This format is designed for use in antibody labeling, including fluorochromes, metal isotopes, oligonucleotides, enzymes.

Our [carrier-free formats](#) are supplied in a buffer free of BSA, sodium azide and glycerol for higher conjugation efficiency.

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.

Ab232016 is compatible with the Maxpar® Antibody Labeling Kit from Fluidigm.

Maxpar® is a trademark of Fluidigm Canada Inc.

Mouse, Rat: We have preliminary internal testing data to indicate this antibody may not react with these species. Please contact us for more information. This product was previously labelled as WAPL

This product is a recombinant monoclonal antibody, which offers several advantages including:

- High batch-to-batch consistency and reproducibility
- Improved sensitivity and specificity
- Long-term security of supply
- Animal-free production

For more information [see here](#).

Our RabMAb® technology is a patented hybridoma-based technology for making rabbit monoclonal antibodies. For details on our patents, please refer to [RabMAb® patents](#).

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	Constituent: PBS
Carrier free	Yes
Purity	Protein A purified
Clonality	Monoclonal
Clone number	EPR3407(2)
Isotype	IgG

Applications

Our [Abpromise guarantee](#) covers the use of **ab232016** in the following tested applications.

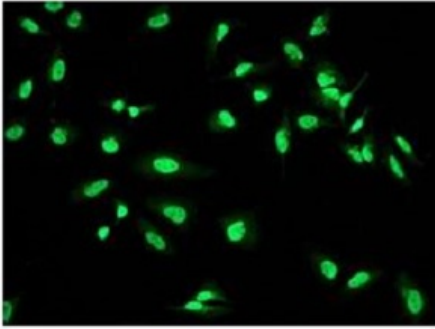
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
ICC/IF		Use at an assay dependent concentration.
WB		Use at an assay dependent concentration. Predicted molecular weight: 133 kDa.
IP		Use at an assay dependent concentration.

Target

Function	Regulator of sister chromatid cohesion in mitosis which negatively regulates cohesin association with chromatin. Involved in both sister chromatid cohesion during interphase and sister-chromatid resolution during early stages of mitosis. Couples DNA replication to sister chromatid cohesion. Cohesion ensures that chromosome partitioning is accurate in both meiotic and mitotic cells and plays an important role in DNA repair.
Tissue specificity	Isoform 1 is highly expressed in uterine cervix tumor. Isoform 2 is widely expressed with a high level in skeletal muscle and heart.
Sequence similarities	Contains 1 WAPL domain.
Cellular localization	Nucleus and Nucleus. Chromosome. Cytoplasm. Associates with chromatin through the cohesin complex during interphase. Released in the cytoplasm from nuclear envelope breakdown until anaphase, it reaccumulates in nucleus at telophase.

Images



Immunocytochemistry/ Immunofluorescence - Anti-WAPL/FOE antibody [EPR3407(2)] - BSA and Azide free (ab232016)

[ab109537](#) at 1/100 dilution staining WAPL/FOE in HeLa (Human epithelial cell line from cervix adenocarcinoma) cells by Immunofluorescence.

This data was developed using the same antibody clone in a different buffer formulation containing PBS, BSA, glycerol, and sodium azide ([ab109537](#)).

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

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- Response to your inquiry within 24 hours
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- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise, please visit <https://www.abcam.com/abpromise> or contact our technical team.

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