abcam

Product datasheet

Anti-Fyn (phospho Y530) + Yes1 (phospho Y537) antibody [EPR13512] - BSA and Azide free ab238975

Recombinant RabMAb

4 Images

Overview

Product name	Anti-Fyn (phospho Y530) + Yes1 (phospho Y537) antibody [EPR13512] - BSA and Azide free
Description	Rabbit monoclonal [EPR13512] to Fyn (phospho Y530) + Yes1 (phospho Y537) - BSA and Azide free
Host species	Rabbit
Tested applications	**Suitable for:** WB, IP
Species reactivity	**Reacts with:** Human
Immunogen	Synthetic peptide. This information is proprietary to Abcam and/or its suppliers.
Positive control	WB: Lysate from HeLa cells treated with pervanadate; IP: HeLa cells treated with pervanadate.
General notes	ab238975 is the carrier-free version of **ab188319**. Our **carrier-free** 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. 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. 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. This product is compatible with the Maxpar® Antibody Labeling Kit from Fluidigm, without the need for antibody preparation. Maxpar® is a trademark of Fluidigm Canada Inc. 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. Do Not Freeze.
Storage buffer	pH: 7.2 Constituent: PBS
Carrier free	Yes
Purity	Protein A purified
Clonality	Monoclonal
Clone number	EPR13512
Isotype	IgG

Applications

The Abpromise guarantee Our **Abpromise guarantee** covers the use of ab238975 in the following tested applications.

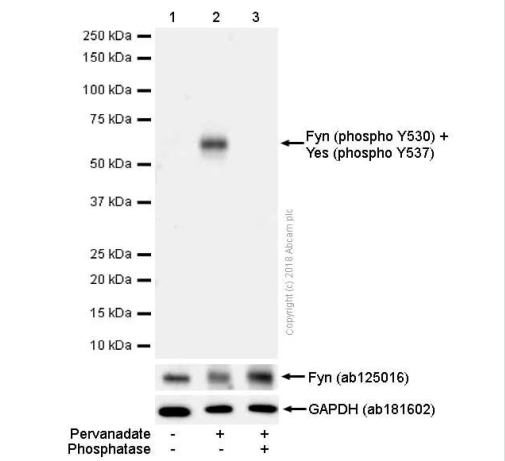
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
WB		Use at an assay dependent concentration. Detects a band of approximately 59 kDa (predicted molecular weight: 61 kDa).
IP		Use at an assay dependent concentration.

Target

Cellular localization	Fyn: Cell membrane. Present and active in lipid rafts. Present in cell body and along the process of mature and developing oligodendroyctes. Yes1: Cytoplasm > cytosol. In epithelial cells infected with Neisseria gonorrhoeae, forms aggregates beneath bacterial microcolonies.
Form	Fyn: This protein is known to be similar in amino acid sequence to HCK (P08631), LCK (P06239), YES1 (P07947), SRC (P12931), and LYN (P07948). Therefore, cross-reactivity with these homologous proteins may be observed. We would be happy to provide immunogen alignment information upon request. Yes1: This protein is known to be similar in amino acid sequence to HCK (P08631), LCK (P06239), FYN (P06241), SRC (P12931), and LYN (P07948). Therefore, cross-reactivity with these homologous proteins m

Images



Western blot - Anti-Fyn (phospho Y530) + Yes1 (phospho Y537) antibody [EPR13512] - BSA and Azide free (ab238975)

All lanes : Anti-Fyn (phospho Y530) + Yes1 (phospho Y537) antibody [EPR13512] (**ab188319**) at 1/10000 dilution (Purified)

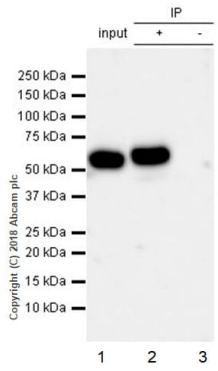
Lane 1 : HeLa (Human cervix adenocarcinoma epithelial cell) whole cell lysates
Lane 2 : HeLa (Human cervix adenocarcinoma epithelial cell) treated with 50 nM pervanadate for 1 hour whole cell lysates
Lane 3 : HeLa (Human cervix adenocarcinoma epithelial cell) treated with 50 nM pervanadate for 1 hour whole cell lysates. Then the membrane was incubated with phosphatase

Lysates/proteins at 20 µg per lane.

Secondary
All lanes : Goat Anti-Rabbit IgG H&L (HRP) (**ab97051**) at 1/20000 dilution

Predicted band size: 61 kDa
Observed band size: 59 kDa

This image was made using **ab188319** which is the same antibody as ab238975 with BSA and Azide



Immunoprecipitation - Anti-Fyn (phospho Y530) + Yes1 (phospho Y537) antibody [EPR13512] - BSA and Azide free (ab238975)

This image was made using **ab188319** which is the same antibody as ab238975 with BSA and Azide

ab188319 (purified) at 1:30 dilution (2µg) immunoprecipitating Fyn (phospho Y530) + Yes1 (phospho Y537) in HeLa treated with 50nM Pervandate for 1h whole cell lysate.

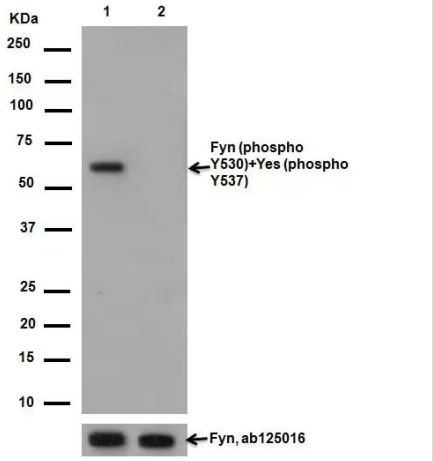
Lane 1 (input): HeLa (Human cervix adenocarcinoma epithelial cell) treated with 50nM Pervandate for 1h whole cell lysate 10µg

Lane 2 (+): **ab188319** & HeLa treated with 50nM Pervandate for 1h whole cell lysate

Lane 3 (-): Rabbit monoclonal IgG (**ab172730**) instead of **ab188319** in HeLa treated with 50nM Pervandate for 1h whole cell lysate

For western blotting, VeriBlot for IP Detection Reagent (HRP) (**ab131366**) was used for detection at 1:1000 dilution.

Blocking and diluting buffer: 5% NFDM/TBST.



Western blot - Anti-Fyn (phospho Y530) + Yes1 (phospho Y537) antibody [EPR13512] - BSA and Azide free (ab238975)

All lanes : Anti-Fyn (phospho Y530) + Yes1 (phospho Y537) antibody [EPR13512] (**ab188319**) at 1/20000 dilution (Unpurified)

Lane 1 : Lysate from HeLa cells treated with pervanadate

Lane 2 : Lysate from untreated HeLa cells

Lysates/proteins at 10 µg per lane.

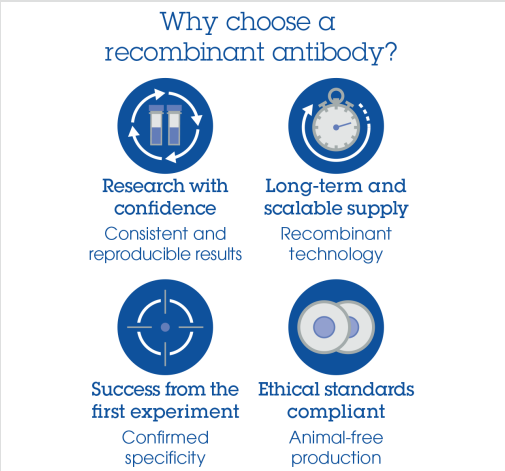
Secondary

All lanes : Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugate at 1/1000 dilution

Predicted band size: 61 kDa

Observed band size: 59 kDa

This image was made using **ab188319** which is the same antibody as ab238975 with BSA and Azide



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