

Product datasheet

Anti-Yes1 antibody [EPR3172] ab133314

Recombinant RabMAb

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

Overview

Product name	Anti-Yes1 antibody [EPR3172]
Description	Rabbit monoclonal [EPR3172] to Yes1
Host species	Rabbit
Tested applications	Suitable for: WB Unsuitable for: Flow Cyt, ICC/IF or IHC-P
Species reactivity	Reacts with: Human
Immunogen	Synthetic peptide within Human Yes1 aa 1-100 (internal sequence). The exact sequence is proprietary.
Positive control	U87-MG, Molt-4, LnCaP and A431 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> <p>Mouse, Rat: We have preliminary internal testing data to indicate this antibody may not react with these species. Please contact us for more information.</p>

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at -20°C. Stable for 12 months at -20°C.
Storage buffer	pH: 7.2 Preservative: 0.05% Sodium azide Constituents: 0.1% BSA, 40% Glycerol (glycerin, glycerine), 9.85% Tris glycine, 50% Tissue culture supernatant
Purity	Protein A purified

Clonality	Monoclonal
Clone number	EPR3172
Isotype	IgG

Applications

The Abpromise guarantee Our **Abpromise guarantee** covers the use of ab133314 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		1/1000 - 1/10000. Predicted molecular weight: 60 kDa.

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

Target

Function Promotes infectivity of Neisseria gonorrhoeae in epithelial cells by phosphorylating MCP/CD46.

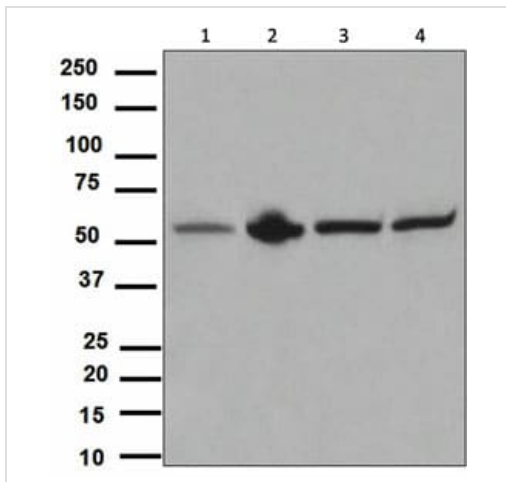
Sequence similarities Belongs to the protein kinase superfamily. Tyr protein kinase family. SRC subfamily. Contains 1 protein kinase domain. Contains 1 SH2 domain. Contains 1 SH3 domain.

Post-translational modifications Autophosphorylated.

Cellular localization Cytoplasm > cytosol. In epithelial cells infected with Neisseria gonorrhoeae, forms aggregates beneath bacterial microcolonies.

Form 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 may be observed. We would be happy to provide immunogen alignment information upon request.

Images



Western blot - Anti-Yes1 antibody [EPR3172]
(ab133314)

All lanes : Anti-Yes1 antibody [EPR3172] (ab133314) at 1/1000 dilution

Lane 1 : U87-MG cell lysate

Lane 2 : Molt-4 cell lysate

Lane 3 : LnCaP cell lysate

Lane 4 : A431 cell lysate

Lysates/proteins at 10 µg per lane.

Secondary

All lanes : HRP labelled goat anti-rabbit at 1/2000 dilution

Predicted band size: 60 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-Yes1 antibody [EPR3172] (ab133314)

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

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