


Product datasheet

Anti-SDS3 antibody [EPR15000] **ab184555**

Recombinant **RabMAb**

[2 References](#) [3 Images](#)

Overview

Product name	Anti-SDS3 antibody [EPR15000]
Description	Rabbit monoclonal [EPR15000] to SDS3
Host species	Rabbit
Tested applications	Suitable for: Flow Cyt (Intra), WB
Species reactivity	Reacts with: Human Predicted to work with: Mouse, Rat 
Immunogen	Recombinant fragment. This information is proprietary to Abcam and/or its suppliers.
Positive control	Raji, HeLa, K562 and Molt-4 cell lysates; 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: 59% PBS, 40% Glycerol (glycerin, glycerine), 0.05% BSA
Purity	Protein A purified
Clonality	Monoclonal
Clone number	EPR15000
Isotype	IgG

Applications

The Abpromise guarantee

Our **Abpromise guarantee** covers the use of ab184555 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
Flow Cyt (Intra)		1/250. ab172730 - Rabbit monoclonal IgG, is suitable for use as an isotype control with this antibody.
WB		1/1000 - 1/2000. Detects a band of approximately 45 kDa (predicted molecular weight: 38 kDa).

Target

Function

Regulatory protein which represses transcription and augments histone deacetylase activity of HDAC1. May have a potential role in tumor suppressor pathways (By similarity). May function in the assembly and/or enzymatic activity of the mSin3A corepressor complex or in mediating interactions between the complex and other regulatory complexes.

Tissue specificity

Expressed in various cancer cell lines.

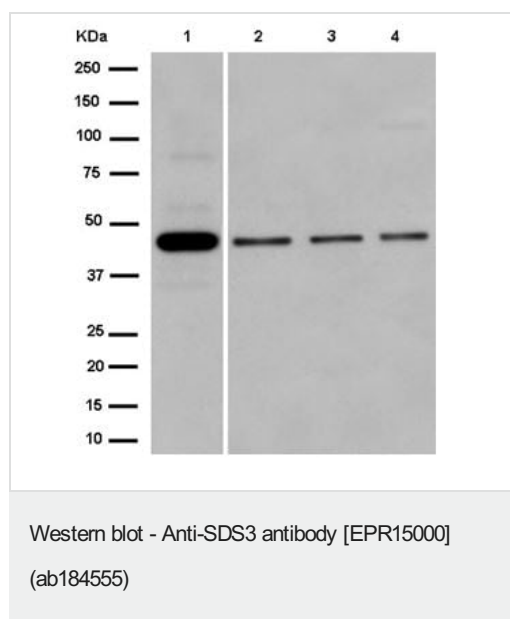
Sequence similarities

Belongs to the SDS3 family.

Domain

The C-terminus is involved in transcriptional repression by HDAC-independent mechanisms.

Images



All lanes : Anti-SDS3 antibody [EPR15000] (ab184555) at 1/1000 dilution

Lane 1 : Raji cell lysate

Lane 2 : HeLa cell lysate

Lane 3 : K562 cell lysate

Lane 4 : Molt-4 cell lysate

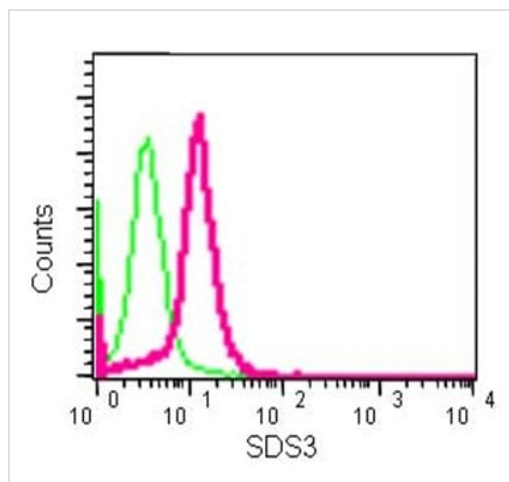
Lysates/proteins at 20 µg per lane.

Secondary

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

Predicted band size: 38 kDa





Observed band size: 45 kDa



Intracellular flow cytometric analysis of 2% paraformaldehyde-fixed HeLa cells labeling SDS3 with ab184555 at 1/250 dilution (red) compared to a Rabbit monoclonal isotype control (green), followed by Goat anti-rabbit IgG (FITC) secondary antibody at 1/150 dilution.

Flow Cytometry (Intracellular) - Anti-SDS3 antibody [EPR15000] (ab184555)

Why choose a recombinant antibody?

 <p>Research with confidence Consistent and reproducible results</p>	 <p>Long-term and scalable supply Recombinant technology</p>
 <p>Success from the first experiment Confirmed specificity</p>	 <p>Ethical standards compliant Animal-free production</p>

Anti-SDS3 antibody [EPR15000] (ab184555)

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

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