


## Product datasheet

### Anti-DDX39 antibody [EPR13508] ab180857

Recombinant RabMAb

★★★★★ [1 Abreviews](#) [1 References](#) [5 Images](#)

#### Overview

Product name	Anti-DDX39 antibody [EPR13508]
Description	Rabbit monoclonal [EPR13508] to DDX39
Host species	Rabbit
Tested applications	<b>Suitable for:</b> Flow Cyt (Intra), IHC-P, WB <b>Unsuitable for:</b> ICC/IF or IP
Species reactivity	<b>Reacts with:</b> Human <b>Predicted to work with:</b> Mouse, Rat 
Immunogen	Synthetic peptide within Human DDX39 aa 350 to the C-terminus (C terminal) (Cysteine residue). The exact sequence is proprietary. Database link: <a href="#">O00148</a>
Positive control	Jurkat, A431, HeLa, HepG2, and Human seminoma lysates. Human breast and colon tissue. Permabilized Jurkat cells.
General notes	This product is a recombinant monoclonal antibody, which offers several advantages including: <ul style="list-style-type: none"> <li>- High batch-to-batch consistency and reproducibility</li> <li>- Improved sensitivity and specificity</li> <li>- Long-term security of supply</li> <li>- Animal-free production</li> </ul> For more information <a href="#">see here</a> . Our RabMAb <sup>®</sup> technology is a patented hybridoma-based technology for making rabbit monoclonal antibodies. For details on our patents, please refer to <a href="#">RabMAb<sup>®</sup> patents</a> .

#### 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: 7.20 Preservative: 0.01% Sodium azide Constituents: 9% PBS, 40% Glycerol (glycerin, glycerine), 0.05% BSA, 50% Tissue culture supernatant

<b>Purity</b>	Protein A purified
<b>Clonality</b>	Monoclonal
<b>Clone number</b>	EPR13508
<b>Isotype</b>	IgG

## Applications

**The Abpromise guarantee** Our **Abpromise guarantee** covers the use of ab180857 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)		1/10 - 1/100. <b>ab172730</b> - Rabbit monoclonal IgG, is suitable for use as an isotype control with this antibody.
IHC-P		1/100 - 1/250. Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol.
WB	★★★★★ (1)	1/1000 - 1/5000. Predicted molecular weight: 49 kDa.

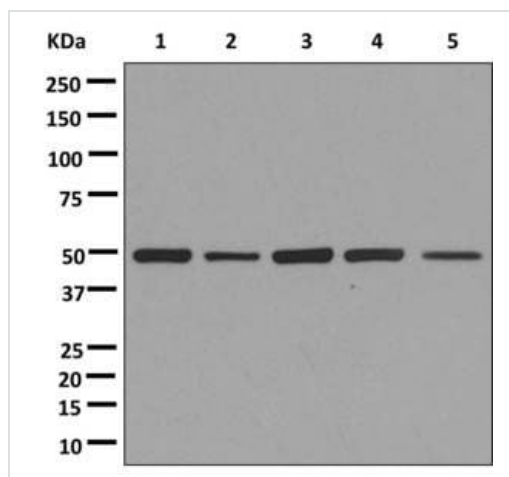
**Application notes** Is unsuitable for ICC/IF or IP.

## Target

**Relevance** DEAD box proteins, characterized by the conserved motif Asp-Glu-Ala-Asp (DEAD), are putative RNA helicases. They are implicated in a number of cellular processes involving alteration of RNA secondary structure, such as translation initiation, nuclear and mitochondrial splicing, and ribosome and spliceosome assembly. Based on their distribution patterns, some members of the DEAD box protein family are believed to be involved in embryogenesis, spermatogenesis, and cellular growth and division. DDX39 encodes a member of this family. The function of this member has not been determined. Alternative splicing of this gene generates 2 transcript variants encoding different isoforms.

**Cellular localization** Cytoplasmic and Nuclear

## Images



Western blot - Anti-DDX39 antibody [EPR13508]  
(ab180857)

**All lanes :** Anti-DDX39 antibody [EPR13508] (ab180857) at 1/5000 dilution

**Lane 1 :** Jurkat cell lysate

**Lane 2 :** A431 cell lysate

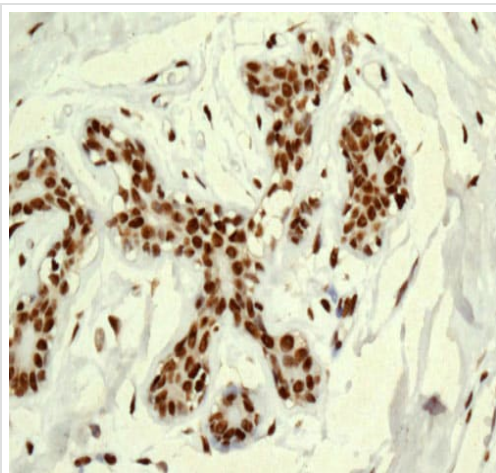
**Lane 3 :** HeLa cell lysate

**Lane 4 :** HepG2 cell lysate

**Lane 5 :** Human seminoma tissue lysate

Lysates/proteins at 10 µg per lane.

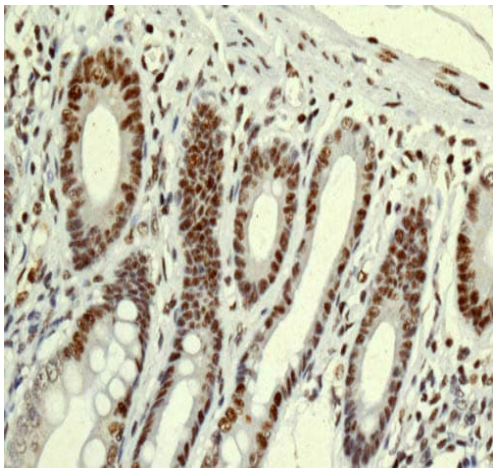
**Predicted band size:** 49 kDa



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-DDX39 antibody [EPR13508] (ab180857)

Immunohistochemical analysis of Human breast tissue, staining DDX39 with ab180857 at 1/100 dilution.

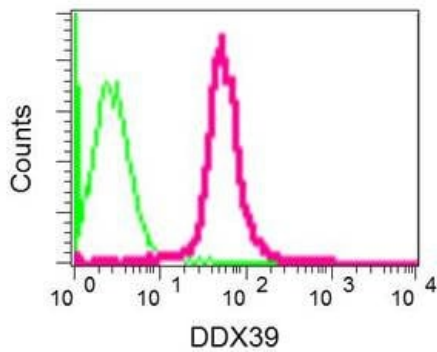
Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-DDX39 antibody [EPR13508] (ab180857)

Immunohistochemical analysis of Human colon tissue, staining DDX39 with ab180857 at 1/100 dilution.

Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol.



Flow Cytometry (Intracellular) - Anti-DDX39 antibody [EPR13508] (ab180857)

Intracellular Flow Cytometry analysis of DDX39 expression in permeabilized Jurkat cells using ab180857 at 1/10 dilution (red) and a rabbit IgG as negative control (green).

### 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-DDX39 antibody [EPR13508] (ab180857)

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

### Our Abpromise to you: Quality guaranteed and expert technical support

---

- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
- Response to your inquiry within 24 hours
- We provide support in Chinese, English, French, German, Japanese and Spanish
- 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.

### Terms and conditions

---

- Guarantee only valid for products bought direct from Abcam or one of our authorized distributors