


## Product datasheet

### Anti-Ube4a antibody [EPR7331] ab128861

Recombinant RabMAb

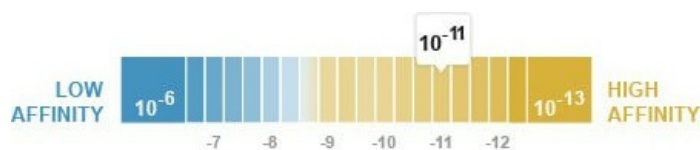
★ ★ ★ ★ ★ [3 Abreviews](#) [3 References](#) [4 Images](#)

#### Overview

Product name	Anti-Ube4a antibody [EPR7331]
Description	Rabbit monoclonal [EPR7331] to Ube4a
Host species	Rabbit
Tested applications	<b>Suitable for:</b> WB, ICC/IF <b>Unsuitable for:</b> IHC-P or IP
Species reactivity	<b>Reacts with:</b> Human <b>Predicted to work with:</b> Mouse, Rat 
Immunogen	Synthetic peptide. This information is proprietary to Abcam and/or its suppliers.
Positive control	293T, K562, Caco 2 and HepG2 cell lysates; Caco 2 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 -20°C. Stable for 12 months at -20°C.
Dissociation constant (K <sub>D</sub> )	K <sub>D</sub> = 1.91 x 10 <sup>-11</sup> M



[Learn more about K<sub>D</sub>](#)

Storage buffer	pH: 7.20
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	Preservative: 0.01% Sodium azide
	Constituents: 9% PBS, 40% Glycerol (glycerin, glycerine), 0.05% BSA, 50% Tissue culture supernatant
<b>Purity</b>	Tissue culture supernatant
<b>Clonality</b>	Monoclonal
<b>Clone number</b>	EPR7331
<b>Isotype</b>	IgG

## Applications

**The Abpromise guarantee** Our **Abpromise guarantee** covers the use of ab128861 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
<b>WB</b>	★ ★ ★ ★ ★ (2)	1/1000 - 1/10000. Detects a band of approximately 125 kDa (predicted molecular weight: 123 kDa).
<b>ICC/IF</b>	★ ★ ★ ★ ★ (1)	1/250 - 1/500.

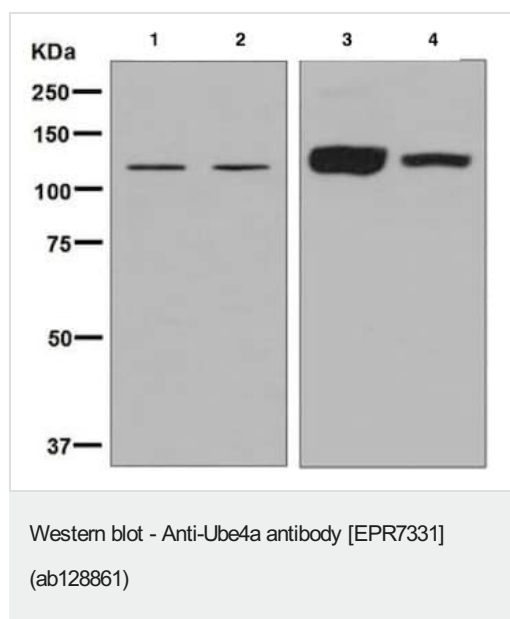
**Application notes** Is unsuitable for IHC-P or IP.

## Target

**Function** Binds to the ubiquitin moieties of preformed conjugates and catalyzes ubiquitin chain assembly in conjunction with E1, E2, and E3.

**Sequence similarities** Belongs to the ubiquitin conjugation factor E4 family.  
Contains 1 U-box domain.

## Images



**All lanes** : Anti-Ube4a antibody [EPR7331] (ab128861) at 1/1000 dilution

**Lane 1** : 293T (Human embryonic kidney epithelial cell) cell lysate

**Lane 2** : K562 cell lysate

**Lane 3** : Caco-2 cell lysate

**Lane 4** : HepG2 cell lysate

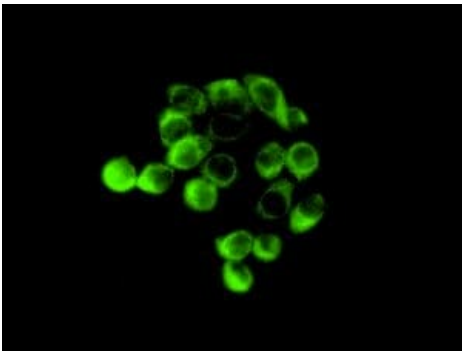
Lysates/proteins at 10 µg per lane.

### Secondary

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

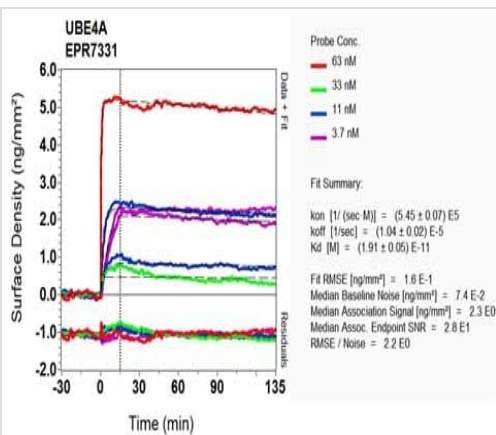
**Predicted band size:** 123 kDa

**Observed band size:** 125 kDa



Immunocytochemistry/ Immunofluorescence - Anti-Ube4a antibody [EPR7331] (ab128861)

ab128861, at 1/100 dilution, staining Ube4a in Caco 2 cells by Immunofluorescence.



Ox-LD Scanning - Anti-Ube4a antibody [EPR7331] (ab128861)

Equilibrium disassociation constant ( $K_D$ )

Learn more about  $K_D$

[Click here to learn more about  \$K\_D\$](#)

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-Ube4a antibody [EPR7331] (ab128861)

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