


## Product datasheet

### Anti-SEC62 antibody [EPR9212] ab137022

Recombinant **RabMAb**

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

#### Overview

<b>Product name</b>	Anti-SEC62 antibody [EPR9212]
<b>Description</b>	Rabbit monoclonal [EPR9212] to SEC62
<b>Host species</b>	Rabbit
<b>Tested applications</b>	<b>Suitable for:</b> WB, IHC-P <b>Unsuitable for:</b> Flow Cyt or ICC/IF
<b>Species reactivity</b>	<b>Reacts with:</b> Human <b>Predicted to work with:</b> Mouse, Rat 
<b>Immunogen</b>	Synthetic peptide within Human SEC62 aa 1-100. The exact sequence is proprietary.
<b>Positive control</b>	HeLa, K562, HepG2, and BxPC-3 cell lysates; Human brain and placenta tissues
<b>General notes</b>	<p>This product is a recombinant monoclonal antibody, which offers several advantages including:</p> <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> <p>For more information <a href="#">see here</a>.</p> <p>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>.</p>

#### Properties

<b>Form</b>	Liquid
<b>Storage instructions</b>	Shipped at 4°C. Store at -20°C.
<b>Storage buffer</b>	pH: 7.2 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>	EPR9212

Isotype IgG

Applications

**The Abpromise guarantee** Our **Abpromise guarantee** covers the use of ab137022 in the following tested applications. The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

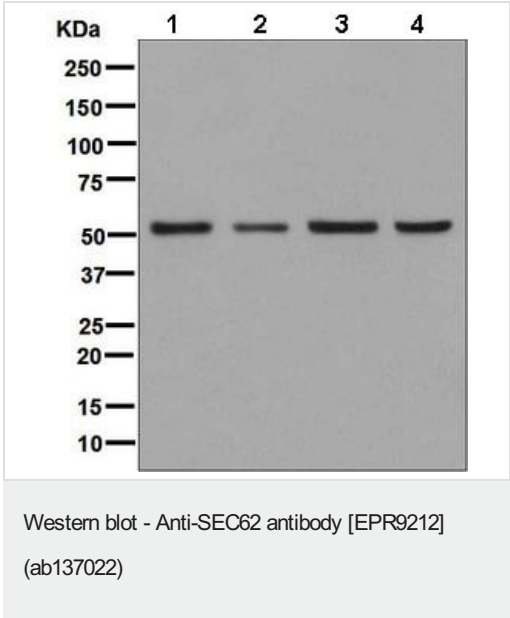
Application	Abreviews	Notes
WB		1/1000 - 1/10000. Predicted molecular weight: 46 kDa.
IHC-P		1/100 - 1/250.

**Application notes** Is unsuitable for Flow Cyt or ICC/IF.

Target

**Function** Required for preprotein translocation.  
**Sequence similarities** Belongs to the SEC62 family.  
**Cellular localization** Endoplasmic reticulum membrane.

Images

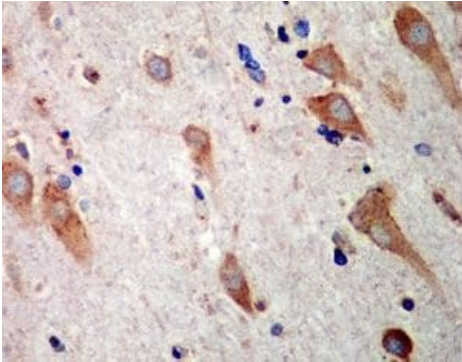


**All lanes** : Anti-SEC62 antibody [EPR9212] (ab137022) at 1/1000 dilution

- Lane 1** : HeLa cell lysate
- Lane 2** : K562 cell lysate
- Lane 3** : HepG2 cell lysate
- Lane 4** : BxPC-3 cell lysate

Lysates/proteins at 10 µg per lane.

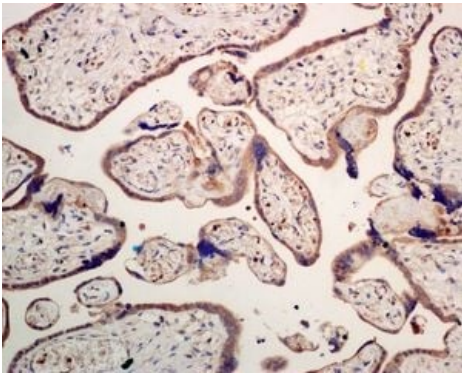
**Secondary**  
**All lanes** : HRP labelled goat anti-rabbit at 1/2000 dilution  
**Predicted band size:** 46 kDa



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-SEC62 antibody [EPR9212] (ab137022)

Immunohistochemical analysis of paraffin-embedded Human brain tissue labelling SEC62 with ab137022 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-SEC62 antibody [EPR9212] (ab137022)

Immunohistochemical analysis of paraffin-embedded Human placenta tissue labelling SEC62 with ab137022 at 1/100 dilution.

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

### 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-SEC62 antibody [EPR9212] (ab137022)

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

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