

# Anti-Thimet Oligopeptidase antibody [EPR7651] - BSA and Azide free ab249073

Recombinant RabMAb

3 Images

### Overview

Product name	Anti-Thimet Oligopeptidase antibody [EPR7651] - BSA and Azide free
Description	Rabbit monoclonal [EPR7651] to Thimet Oligopeptidase - BSA and Azide free
Host species	Rabbit
Tested applications	<b>Suitable for:</b> WB, ICC/IF <b>Unsuitable for:</b> Flow Cyt, IHC-P or IP
Species reactivity	<b>Reacts with:</b> Human <b>Does not react with:</b> Mouse, Rat
Immunogen	Synthetic peptide. This information is proprietary to Abcam and/or its suppliers.
General notes	<p>ab249073 is the carrier-free version of <a href="#">ab154173</a>.</p> <p>Our <b>carrier-free</b> antibodies are typically supplied in a PBS-only formulation, purified and free of BSA, sodium azide and glycerol. The carrier-free buffer and high concentration allow for increased conjugation efficiency.</p> <p>This conjugation-ready format is designed for use with fluorochromes, metal isotopes, oligonucleotides, and enzymes, which makes them ideal for antibody labelling, functional and cell-based assays, flow-based assays (e.g. mass cytometry) and Multiplex Imaging applications.</p> <p>Use our <b>conjugation kits</b> for antibody conjugates that are ready-to-use in as little as 20 minutes with &lt;1 minute hands-on-time and 100% antibody recovery: available for fluorescent dyes, HRP, biotin and gold.</p> <p>This product is compatible with the Maxpar<sup>®</sup> Antibody Labeling Kit from Fluidigm, without the need for antibody preparation. Maxpar<sup>®</sup> is a trademark of Fluidigm Canada Inc.</p> <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

Form	Liquid
Storage instructions	Shipped at 4°C. Store at +4°C. Do Not Freeze.
Storage buffer	pH: 7.2 Constituent: PBS
Carrier free	Yes
Purity	Affinity purified
Clonality	Monoclonal
Clone number	EPR7651
Isotype	IgG

## Applications

**The Abpromise guarantee** Our **Abpromise guarantee** covers the use of ab249073 in the following tested applications. The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

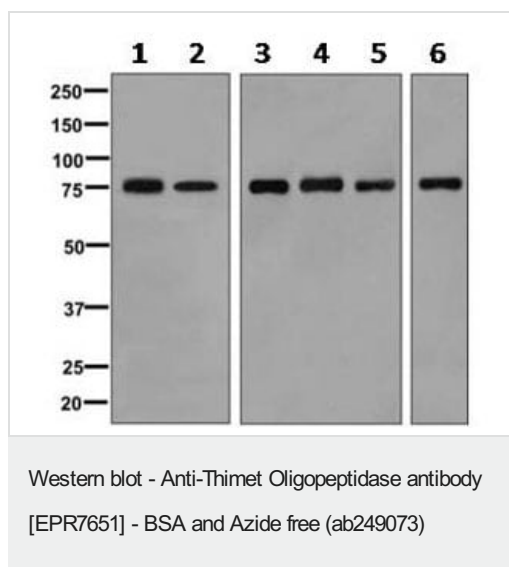
Application	Abreviews	Notes
WB		Use at an assay dependent concentration. Predicted molecular weight: 79 kDa.
ICC/IF		Use at an assay dependent concentration.

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

## Target

Function	Involved in the metabolism of neuropeptides under 20 amino acid residues long. Involved in cytoplasmic peptide degradation. Able to degrade the beta-amyloid precursor protein and generate amyloidogenic fragments.
Sequence similarities	Belongs to the peptidase M3 family.
Cellular localization	Cytoplasm.

## Images



**All lanes :** Anti-Thimet Oligopeptidase antibody [EPR7651] ([ab154173](#)) at 1/1000 dilution

**Lane 1 :** Human cerebellum lysate

**Lane 2 :** Human fetal brain lysate

**Lane 3 :** K562 cell lysate

**Lane 4 :** SH-SY5Y cell lysate

**Lane 5 :** THP1 cell lysate

**Lane 6 :** MCF7 cell lysate

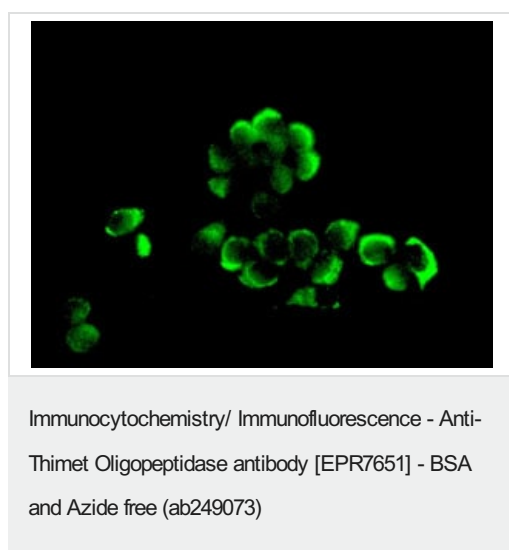
Lysates/proteins at 10 µg per lane.

### Secondary

**All lanes :** Goat anti-rabbit HRP at 1/2000 dilution

**Predicted band size:** 79 kDa

This data was developed using [ab154173](#), the same antibody clone in a different buffer formulation.



This data was developed using [ab154173](#), the same antibody clone in a different buffer formulation. Immunofluorescence analysis of MCF7 cells labeling Thimet Oligopeptidase with [ab154173](#) at 1/100 dilution.

### 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-Thimet Oligopeptidase antibody [EPR7651] -  
BSA and Azide free (ab249073)

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

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