

# Mouse Annexin A2 Antibody Pair - BSA and Azide free ab241759

Recombinant RabMAb

3 Images

### Overview

Product name	Mouse Annexin A2 Antibody Pair - BSA and Azide free
Assay type	ELISA set
Range	62.5 pg/ml - 4000 pg/ml
Species reactivity	<b>Reacts with:</b> Mouse
Product overview	<p>The Antibody Pair can be used to quantify Mouse Annexin A2. BSA and Azide free antibody pairs include unconjugated capture and detector antibodies suitable for sandwich ELISAs. The antibodies are provided at an approximate concentration of 1 mg/ml as measured by the protein A280 method. The recommended antibody orientation is based on internal optimization for ELISA-based assays. Antibody orientation is assay dependent and needs to be optimized for each assay type. Both capture and detector antibodies are rabbit monoclonal antibodies delivering consistent, specific, and sensitive results.</p> <p>For additional information on the performance of the antibody pair, see the equivalent SimpleStep ELISA® Kit (<b>ab210576</b>), which uses the same antibodies. However, due to differences in their formulation, this antibody pair cannot be used with the consumables provided with our SimpleStep ELISA Kits. Please note that the range provided for the pairs is only an estimation based on the performance of the related product using the same antibody pair. Performance of the antibody pair will depend on the specific characteristics of your assay. We guarantee the product works in sandwich ELISA, but we do not guarantee the sensitivity or dynamic range of the antibody pair in your assay.</p>
Tested applications	<b>Suitable for:</b> Sandwich ELISA
Platform	Reagents

### Properties

Storage instructions	Store at +4°C. Please refer to protocols.
Carrier free	Yes

Components	10 x 96 tests
Mouse Annexin A2 Capture Antibody (unconjugated)	1 x 100µg
Mouse Annexin A2 Detector Antibody (unconjugated)	1 x 100µg

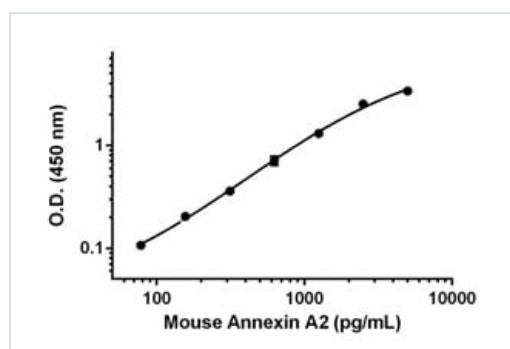
<b>Function</b>	Calcium-regulated membrane-binding protein whose affinity for calcium is greatly enhanced by anionic phospholipids. It binds two calcium ions with high affinity. May be involved in heat-stress response.
<b>Sequence similarities</b>	Belongs to the annexin family. Contains 4 annexin repeats.
<b>Domain</b>	A pair of annexin repeats may form one binding site for calcium and phospholipid.
<b>Post-translational modifications</b>	Phosphorylation of Tyr-24 enhances heat stress-induced translocation to the cell surface. ISGylated.
<b>Cellular localization</b>	Secreted > extracellular space > extracellular matrix > basement membrane. Melanosome. In the lamina beneath the plasma membrane. Identified by mass spectrometry in melanosome fractions from stage I to stage IV. Translocated from the cytoplasm to the cell surface through a Golgi-independent mechanism.

## Applications

**The Abpromise guarantee** Our **Abpromise guarantee** covers the use of ab241759 in the following tested applications. The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

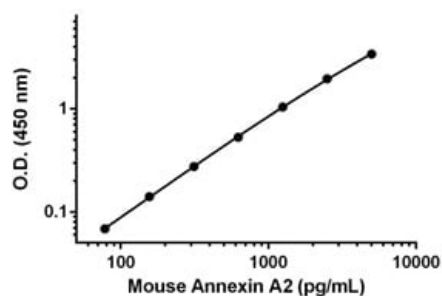
Application	Abreviews	Notes
<b>Sandwich ELISA</b>		Use at an assay dependent concentration.

## Images



Sandwich ELISA - Mouse Annexin A2 Antibody Pair  
- BSA and Azide free (ab241759)

Representative standard curve from corresponding SimpleStep ELISA® Kit ([ab210576](#)), which uses the same antibody pair. For additional information on the performance of pair and kit, refer to the corresponding kit datasheet. Due to differences in the formulation and format of the antibodies in this pair, they cannot be used as substitutes for the antibody components in our SimpleStep ELISA® Kits.



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Powered by  
recombinant antibodies



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

Sandwich ELISA - Mouse Annexin A2 Antibody Pair  
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To learn more about the advantages of recombinant antibodies see [here](#).

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

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