

## Product datasheet

# HRP Anti-alpha Lactalbumin antibody ab112973

### Overview

---

<b>Product name</b>	HRP Anti-alpha Lactalbumin antibody
<b>Description</b>	HRP Goat polyclonal to alpha Lactalbumin
<b>Host species</b>	Goat
<b>Conjugation</b>	HRP
<b>Tested applications</b>	<b>Suitable for:</b> ELISA, ICC, IHC-P, WB
<b>Species reactivity</b>	<b>Reacts with:</b> Cow
<b>Immunogen</b>	The details of the immunogen for this antibody are not available.
<b>General notes</b>	<p>The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.</p> <p>If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&amp;As</p>

### Properties

---

<b>Form</b>	Liquid
<b>Storage instructions</b>	Shipped at 4°C. Store at +4°C.
<b>Storage buffer</b>	pH: 6.8 Constituents: 0.2% BSA, 0.05% CMIT/MIT based preservative
<b>Purity</b>	Immunogen affinity purified
<b>Purification notes</b>	Antiserum was solid phase adsorbed to ensure specificity. ab112973 was isolated by affinity chromatography using antigen coupled to agarose beads.
<b>Clonality</b>	Polyclonal
<b>Isotype</b>	IgG

### Applications

---

**The Abpromise guarantee** Our [Abpromise guarantee](#) covers the use of ab112973 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
ELISA		Use at an assay dependent concentration.
ICC		Use at an assay dependent concentration.
IHC-P		Use at an assay dependent concentration.
WB		Use at an assay dependent concentration. Predicted molecular weight: 16 kDa. Colorimetric: Use 1/1000-1/10000 dilution; Chemiluminescent: Use 1/1000-1/30000 dilution.

## Target

<b>Function</b>	Regulatory subunit of lactose synthase, changes the substrate specificity of galactosyltransferase in the mammary gland making glucose a good acceptor substrate for this enzyme. This enables LS to synthesize lactose, the major carbohydrate component of milk. In other tissues, galactosyltransferase transfers galactose onto the N-acetylglucosamine of the oligosaccharide chains in glycoproteins.
<b>Tissue specificity</b>	Mammary gland specific. Secreted in milk.
<b>Sequence similarities</b>	Belongs to the glycosyl hydrolase 22 family.
<b>Cellular localization</b>	Secreted.

**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