

## Product datasheet

### Anti-LNK antibody [EPR7342] ab154848

Recombinant RabMAb

★★★★★ 1 Abreviews 1 References 2 Images

#### Overview

Product name	Anti-LNK antibody [EPR7342]
Description	Rabbit monoclonal [EPR7342] to LNK
Host species	Rabbit
Tested applications	<b>Suitable for:</b> WB <b>Unsuitable for:</b> Flow Cyt, ICC/IF, IHC-P or IP
Species reactivity	<b>Reacts with:</b> Human
Immunogen	Synthetic peptide. This information is proprietary to Abcam and/or its suppliers.
Positive control	Ramos, MOLT4 and Raji cell lysates.
General notes	<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> <p>Mouse, Rat: We have preliminary internal testing data to indicate this antibody may not react with these species. Please contact us for more information.</p>

#### Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at -20°C.
Storage buffer	<p>pH: 7.2</p> <p>Preservative: 0.01% Sodium azide</p> <p>Constituents: 9% PBS, 40% Glycerol (glycerin, glycerine), 0.05% BSA, 50% Tissue culture supernatant</p>
Purity	Tissue culture supernatant
Clonality	Monoclonal

Clone number                      EPR7342

Isotype                               IgG

## Applications

**The Abpromise guarantee**           Our **Abpromise guarantee** covers the use of ab154848 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)	1/1000 - 1/10000. Predicted molecular weight: 63 kDa.

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

## Target

**Function**                                      Links T-cell receptor activation signal to phospholipase C-gamma-1, GRB2 and phosphatidylinositol 3-kinase.

**Tissue specificity**                            Preferentially expressed by lymphoid cell lines.

**Involvement in disease**                      Genetic variations in SH2B3 are associated with susceptibility to celiac disease type 13 (CELIAC13)[MIM:612011]; also known as susceptibility to gluten-sensitive enteropathy type 13. Celiac disease is a multifactorial disorder of the small intestine that is influenced by both environmental and genetic factors. It is characterized by malabsorption resulting from inflammatory injury to the mucosa of the small intestine after the ingestion of wheat gluten or related rye and barley proteins. In its classic form, celiac disease is characterized in children by malabsorption and failure to thrive.

Genetic variations in SH2B3 are associated with susceptibility to insulin-dependent diabetes mellitus (IDDM) [MIM:222100]; also known as diabetes mellitus type 1. IDDM normally starts in childhood or adolescence and is caused by the body's own immune system which destroys the insulin-producing beta cells in the pancreas. Classical features are polydipsia, polyphagia and polyuria, due to hyperglycemia-induced osmotic diuresis.

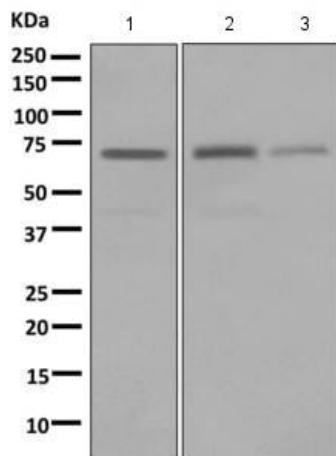
**Sequence similarities**                            Belongs to the SH2B adapter family.

Contains 1 PH domain.

Contains 1 SH2 domain.

**Post-translational modifications**           Tyrosine phosphorylated by LCK.

## Images



Western blot - Anti-LNK antibody [EPR7342]  
(ab154848)

**All lanes :** Anti-LNK antibody [EPR7342] (ab154848) at 1/1000 dilution

**Lane 1 :** Ramos cell lysate

**Lane 2 :** MOLT4 cell lysate

**Lane 3 :** Raji cell lysate

Lysates/proteins at 10 µg per lane.

**Predicted band size:** 63 kDa

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-LNK antibody [EPR7342] (ab154848)

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

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