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Datasheet for ABIN5006045  
**anti-LAMB2 antibody (AA 1701-1798) (Alexa Fluor 750)**

### Overview

Quantity:	100 µL
Target:	LAMB2
Binding Specificity:	AA 1701-1798
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This LAMB2 antibody is conjugated to Alexa Fluor 750
Application:	Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

### Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human Laminin Beta 2
Isotype:	IgG
Predicted Reactivity:	Human, Mouse, Rat, Dog, Cow, Sheep, Horse, Chicken, Rabbit
Purification:	Purified by Protein A.

### Target Details

Target:	LAMB2
Alternative Name:	Laminin Beta 2 ( <a href="#">LAMB2 Products</a> )
Background:	Synonyms: LAMB2, Laminin beta 2, Laminin subunit beta 2, LAMS, S laminin, LAMB2_HUMAN.

## Target Details

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Background: Laminin S binds to cells via a high affinity receptor, laminin is thought to mediate the attachment, migration and organization of cells into tissues during embryonic development by interacting with other extracellular matrix components. Laminin S is a complex glycoprotein, consisting of three different polypeptide chains (alpha, beta, gamma), which are bound to each other by disulfide bonds into a cross-shaped molecule comprising one long and three short arms with globules at each end. Beta 2 is a subunit of laminin 3 (Laminin S), laminin 4 (Smerosin), and laminin 7 (KS laminin).

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Gene ID: 3913

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Pathways: [Skeletal Muscle Fiber Development](#)

## Application Details

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Application Notes: IF(IHC-P) 1:50-200  
IF(IHC-F) 1:50-200  
IF(ICC) 1:50-200

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Restrictions: For Research Use only

## Handling

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Format: Liquid

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Concentration: 1 µg/µL

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Buffer: Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.

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Preservative: ProClin

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Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.

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Storage: -20 °C

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Storage Comment: Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.

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Expiry Date: 12 months