

Product datasheet

Anti-Laminin 2 alpha antibody [2D4] ab117608

1 图像

概述

产品名称	Anti-Laminin 2 alpha抗体[2D4]
描述	小鼠单克隆抗体[2D4] to Laminin 2 alpha
经测试应用	适用于: WB, ELISA, IHC-P
种属反应性	与反应: Human
免疫原	Recombinant Human Laminin Alpha 2 (NP_000417.2).
阳性对照	Human Placenta (Trophoblast) tissue.

性能

形式	Liquid
存放说明	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
存储溶液	pH: 7.20 Constituent: 99% PBS
纯度	Protein A purified
克隆	单克隆
克隆编号	2D4
同种型	IgG1
轻链类型	kappa

应用

Our [Abpromise guarantee](#) covers the use of **ab117608** in the following tested applications.

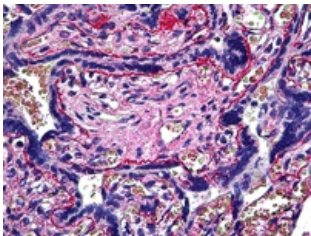
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

应用	Ab评论	说明
WB		Use at an assay dependent concentration. Predicted molecular weight: 344 kDa.
ELISA		Use at an assay dependent concentration.
IHC-P		Use a concentration of 5 µg/ml.

## 靶标

<b>功能</b>	Binding 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.
<b>组织特异性</b>	Placenta, striated muscle, peripheral nerve, cardiac muscle, pancreas, lung, spleen, kidney, adrenal gland, skin, testis, meninges, choroid plexus, and some other regions of the brain; not in liver, thymus and bone.
<b>疾病相关</b>	Defects in LAMA2 are the cause of merosin-deficient congenital muscular dystrophy type 1A (MDC1A) [MIM:607855]. MDC1A is characterized by difficulty walking, hypotonia, proximal weakness, hyporeflexia, and white matter hypodensity on MRI.
<b>序列相似性</b>	Contains 17 laminin EGF-like domains. Contains 5 laminin G-like domains. Contains 2 laminin IV type A domains. Contains 1 laminin N-terminal domain.
<b>结构域</b>	The alpha-helical domains I and II are thought to interact with other laminin chains to form a coiled coil structure. Domains VI, IV and G are globular.
<b>细胞定位</b>	Secreted > extracellular space > extracellular matrix > basement membrane. Major component.

## 图片



ab117608, at 5 µg/ml, staining Laminin 2 alpha in Formalin-fixed, Paraffin-embedded Human Placenta (Trophoblast) tissue by Immunohistochemistry.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Laminin 2 alpha antibody [2D4] (ab117608)

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