

# Anti-Laminin gamma 1 antibody [BC17] ab41823

## 1 References

### 製品の概要

製品名	Anti-Laminin gamma 1 antibody [BC17]
製品の詳細	Mouse monoclonal [BC17] to Laminin gamma 1
由来種	Mouse
特異性	The antibody recognizes the gamma 1 chain of human reduced and alkylated laminin produced by various cultured cells, which produce laminins complexed with it. The specificity of clone BC17 has been confirmed by immunoprecipitation and ELISA by using recombinant Laminin gamma 1.
アプリケーション	<b>適用あり:</b> ELISA, IHC-Fr, IP <b>適用なし:</b> WB
種交差性	<b>交差種:</b> Human
免疫原	Pepsin-digested laminin from human placenta.
特記事項	Balb/c spleen cells used to produce hybridoma.

The monoclonal antibody BC17 against Laminin gamma 1 can be widely applied in immunohistochemical studies as all basement membranes contain laminin trimers containing this chain. Antibodies to laminin chains are useful in basic biology studies as well as in pathological studies concerning e.g. the integrity of the basement membranes in carcinomas.

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.

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&As

### 製品の特性

製品の状態	Liquid
保存方法	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term.
バッファー	pH: 7.3 Preservative: 0.1% Sodium azide

精製度	Constituents: PBS, 1% BSA
一次抗体 備考	Protein G purified
	The monoclonal antibody BC17 against Laminin gamma 1 can be widely applied in immunohistochemical studies as all basement membranes contain laminin trimers containing this chain. Antibodies to laminin chains are useful in basic biology studies as well as in pathological studies concerning e.g. the integrity of the basement membranes in carcinomas.
ポリ/モノ	モノクローナル
クローン名	BC17
アイソタイプ	IgG1

## アプリケーション

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 アプリケーションノートには、推奨の開始希釈率がありますが、適切な希釈率につきましてはご検討ください。

アプリケーション	Abreviews	特記事項
ELISA		Use at an assay dependent concentration.
IHC-Fr		Use at an assay dependent concentration.
IP		Use at an assay dependent concentration.

追加情報      Is unsuitable for WB.

## ターゲット情報

機能	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.
組織特異性	Found in the basement membranes (major component).
配列類似性	Contains 11 laminin EGF-like domains. Contains 1 laminin IV type A domain. Contains 1 laminin N-terminal domain.
ドメイン	The alpha-helical domains I and II are thought to interact with other laminin chains to form a coiled coil structure. Domains VI and IV are globular.
細胞内局在	Secreted > extracellular space > extracellular matrix > basement membrane.

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