

## Product datasheet

# Anti-beta Galactosidase antibody [2E9] ab10074

### 製品の概要

製品名	Anti-beta Galactosidase antibody [2E9]
製品の詳細	Mouse monoclonal [2E9] to beta Galactosidase
由来種	Mouse
アプリケーション	<b>適用あり:</b> ELISA
種交差性	<b>交差種:</b> Escherichia coli
免疫原	Full length protein (expressed in <i>E. coli</i> ).
特記事項	This antibody does not influence enzyme activity. Concentration varies from lot to lot and can be provided on request.

### 製品の特性

製品の状態	Liquid
保存方法	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
バッファー	Preservative: 0.1% Sodium Azide Constituents: PBS, pH 7.4
精製度	Protein A purified
特記事項(精製)	Purity tested by electrophoresis.
ポリ/モノ	モノクローナル
クローン名	2E9
ミエローマ	Sp2/0
アイソタイプ	IgG1

### アプリケーション

Our [Abpromise guarantee](#) covers the use of **ab10074** in the following tested applications.

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

アプリケーション	Abreviews	特記事項
ELISA		

## 追加情報

IA: Detection of b-galactosidase expressed by LacZ gene in cloned sequences.

Not tested in other applications.

Optimal dilutions/concentrations should be determined by the end user.

## ターゲット情報

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### 関連性

Beta galactosidase is coded by a gene (lac z) in the lac operon of Escherichia coli. It is a metalloenzyme that splits lactose into glucose and galactose. It hydrolyzes terminal, non-reducing beta-D-galactose residues in beta-D-galactosides. Activation by cations seems to be substrate dependent. K<sup>+</sup>, Na<sup>+</sup>, NH<sub>4</sub><sup>+</sup>, Rb<sup>+</sup>, Cs<sup>+</sup> and Mn<sup>++</sup> all activate enzyme activity based upon the substrate used.

### 細胞内局在

Cytoplasmic

**Please note:** All products are "FOR RESEARCH USE ONLY AND ARE NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE"

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