

Product datasheet

Anti-beta Galactosidase antibody [13R4] ab206546

Recombinant

1 Image

Overview

| | |
|----------------------------|---|
| Product name | Anti-beta Galactosidase antibody [13R4] |
| Description | Human monoclonal [13R4] to beta Galactosidase |
| Host species | Human |
| Tested applications | Suitable for: WB, Flow Cyt |
| Species reactivity | Reacts with: Escherichia coli |
| Immunogen | Recombinant full length protein corresponding to Escherichia coli beta Galactosidase aa 1 to the C-terminus. Database link: P00722 |

Properties

| | |
|-----------------------------|---|
| Form | Liquid |
| Storage instructions | Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term. Avoid freeze / thaw cycle. |
| Storage buffer | Preservative: 0.02% Proclin 300 Constituent: 99% PBS |
| Purity | Protein A purified |
| Clonality | Monoclonal |
| Clone number | 13R4 |
| Isotype | IgG4 |
| Light chain type | lambda |

Applications

The Abpromise guarantee Our [Abpromise guarantee](#) covers the use of ab206546 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 | | Use at an assay dependent concentration. Predicted molecular weight: 76 kDa. |
| Flow Cyt | | Use at an assay dependent concentration. |


Target

Relevance 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⁺, Na⁺, NH₄⁺, Rb⁺, Cs⁺ and Mn⁺⁺ all activate enzyme activity based upon the substrate used.


Cellular localization Cytoplasmic

Images


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-beta Galactosidase antibody [13R4] (ab206546)

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