

Datasheet for ABIN5541543

anti-beta-Galactosidase Tag antibody (HRP)[Go to Product page](#)

Overview

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| Quantity: | 0.1 mg |
| Target: | beta-Galactosidase Tag |
| Reactivity: | Please inquire |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This beta-Galactosidase Tag antibody is conjugated to HRP |
| Application: | Western Blotting (WB), Enzyme Immunoassay (EIA), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunohistochemistry (Frozen Sections) (IHC (fro)) |

Product Details

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| Immunogen: | Beta-galactosidase isolated from E.coli |
| Specificity: | This antibody detects Beta-galactosidase [E. coli]. Cross reactivity against Beta-galactosidase from other tissues and species may occur but have not been specifically determined. Very low background staining has been reported in various assays. Immunoelectrophoresis gives a single precipitin arc against anti-peroxidase, and anti-rabbit serum as well as purified and partially purified Beta-galactosidase [E.coli]. |
| Purification: | Multi-step process which includes delipidation, salt fractionation and ion exchange chromatography followed by extensive dialysis against the buffer |

Target Details

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|---------|------------------------|
| Target: | beta-Galactosidase Tag |
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Target Details

Abstract: [beta-Galactosidase Tag Products](#)

Target Type: Tag

UniProt: [P00722](#)

Application Details

Application Notes: Suitable for Immunoblotting (Western or dot blot), ELISA, Immunofluorescence microscopy, Immunoprecipitation, conjugation and most immunological methods requiring high titer and specificity. Western blot : 1/5,000-1/10,000. A 1/5,000 dilution has been reported to be successful for staining by Immunoblot of Beta-galactosidase fusion proteins after transfer using a semi-dry transfer apparatus). ELISA : 1/10,000. Immunohistochemistry : 1/1,500. The antibody recognizes both Frozen tissue sections, Paraffin embedded tissue and 4 % paraformaldehyde fixed tissue for most immunohistochemical analysis: A 1/1,500 dilution has been reported to detect Beta-galactosidase in adult rat spinal cord tissue after infection with helper-dependent adenovirus expressing lacZ. In this particular experiment, tissue was perfused with 4 % paraformaldehyde and cryostat-cut (35 µm) to produce free-floating sections. A 1/5,000 dilution has been reported for immunofluorescent staining of methanol fixed, devitellinized Drosophila embryos. Although a wide range of conditions was reported to be effective, a 1/10,000 dilution was noted to show no background and to be suitable for double labeling experiments). A 1/5,000 dilution has been reported to be successful for staining brain sections from transgenic mice expressing nuclear Beta-galactosidase when assayed by Immunofluorescence microscopy .

Restrictions: For Research Use only

Handling

Preservative: Sodium azide

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

Storage: 4 °C, -20 °C

Storage Comment: Store lyophilized at 2-8°C for 6 months or at -20°C long term. After reconstitution store undiluted at 2-8°C for one month or (in aliquots) at -20°C long term. Avoid repeated freezing and thawing. Shelf life: one year from despatch.

Expiry Date: 12 months