



[Go to Product page](#)

Datasheet for ABIN5541543  
**anti-beta-Galactosidase Tag antibody (HRP)**

### Overview

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

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

Target:	beta-Galactosidase Tag
---------	------------------------

## 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