

# Beta-Galactosidase polyclonal antibody

Catalog # PAB15374

Size

## Specification

Product Description	Goat polyclonal antibody raised against beta-Galactosidase.
Immunogen	Recombinant protein corresponding to full length <i>Escherichia coli</i> beta-Galactosidase.
Host	Goat
Specificity	It shows reactivity to mammalian beta-galactosidase and is tested by Western or dot blot to ensure monospecificity using lysates of D-lac and strain 3.3 of <i>E. coli</i> .
Form	Liquid
Preparation Method	The antibody is produced by hyperimmunizing goats with the enzyme beta-galactosidase from <i>Escherichia coli</i> . The IgG fraction is prepared by delipidation, ammonium sulfate fractionation, and anion exchange chromatography, and is further purified by solid-phase absorption to remove antibodies to non-beta-galactosidase <i>E. coli</i> proteins. The product is dialyzed into 0.02 M sodium phosphate, 0.14 M sodium chloride, pH 7.3, adjusted to standard titer, filtered through a 0.22 um filter, and vialled. No preservative is added.
Isotype	IgG
Recommend Usage	ELISA (1:400-1:2000) Immunohistochemistry (1:50-1:200) Western Blot (1:100-1:500) The optimal working dilution should be determined by the end user.
Storage Buffer	In 20 mM sodium phosphate buffer, 140 mM NaCl, pH 7.3.
Storage Instruction	Store at 4°C.
Note	Goat IgG fraction to beta-Galactosidase is used in enzyme Immunoassays, fluorescein Immunoassays, blots, cell or tissue immunostaining. Gives sharp precipitation lines in IEP and ID techniques. Suitable for conjugation with enzymes, radiolabels, fluorochromes, or other markers; suitable for attachment to solid supports for use as an immunoadsorbant. It is specially prepared for the detection and purification of recombinant proteins.

## Applications

- Western Blot
- Immunohistochemistry
- Enzyme Immunoassay
- Immunodiffusion