

Polyclonal Antibody to Beta-galactosidase tag - Azide Free

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| Alternate names: | Beta-Gal Fusion Protein, Beta-Gal tag, JW0335, Lactase, b0344, lacZ tag |
| Catalog No.: | AP21258AF-N |
| Quantity: | 10 mg |
| Concentration: | 10 mg/ml |
| Uniprot ID: | P00722 |
| NCBI: | AP_000996 |
| GeneID: | 945006 |
| Host / Isotype: | Rabbit / IgG |
| Immunogen: | Beta-Galactosidase is isolated and purified from Escherichia coli. Freund's complete adjuvant is used in the first step of the immunization procedure. |
| Format: | State: Lyophilized hyperimmune IgG fraction Purification: Ammonium Sulphate Precipitation and Ion Exchange Chromatography Buffer System: PBS, pH 7.2 without preservatives and foreign proteins Reconstitution: Restore by adding 1.0 ml of sterile distilled water |
| Applications: | This product is intended for use in precipitating and non-precipitating antibody-binding assays (such as e.g., ELISA and Western blotting and Immunofluorescence or Histochemical techniques), to prepare an insoluble immuno-affinity adsorbent, for labelling with a marker of choice. Working Dilutions: Non-precipitating antibody-binding techniques: 1/10,000-1/80,000. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user. |
| Specificity: | This antibody recognizes Beta-Galactosidase from Escherichia coli. The reagents were evaluated for potency, purity and specificity using most or all of the following techniques: Immunoelectrophoresis, Cross-Immunoelectrophoresis, Single Radial Immunodiffusion (Ouchterlony), block titration, ELISA, Immunoblotting and enzyme inhibition. Cross-reactivities against enzymes of other sources may occur but have not been determined. Species: Escherichia coli Other species not tested. |
| Storage: | Store the antibody lyophilized at 2-8°C and reconstituted at 2-8°C for one week or (in aliquots) at -20°C for longer. If a slight precipitation occurs upon storage, this should be removed by centrifugation. Shelf life: one year from despatch. |