

beta-Galactosidase Antibody
Catalog # ASC10900**Specification****beta-Galactosidase Antibody - Product Information**

Application	WB, E
Primary Accession	Q8FKG6
Other Accession	NP_752394 , 26246355
Reactivity	Bacteria
Host	Chicken
Clonality	Polyclonal
Isotype	IgY
Application Notes	beta-gal antibody can be used for detection of beta-gal by Western blot at 1 µg/mL.

beta-Galactosidase Antibody - Additional Information

Gene ID	1036228
Target/Specificity	
lacZ;	

Reconstitution & Storage

beta-Galactosidase antibody can be stored at 4°C for three months and -20°C, stable for up to one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.

Precautions

beta-Galactosidase Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

beta-Galactosidase Antibody - Protein Information

Name lacZ {ECO:0000255|HAMAP-Rule:MF_01687}

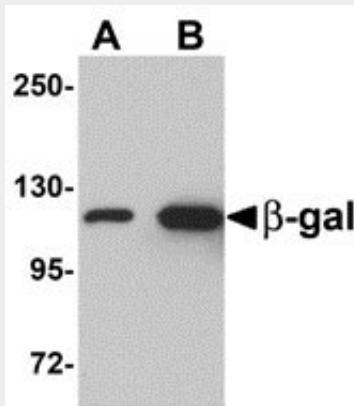
beta-Galactosidase Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)

- [Cell Culture](#)

beta-Galactosidase Antibody - Images



Western blot analysis of (A) 5 and (B) 25 ng of b-gal with b-gal antibody at 1 μ g/mL.

beta-Galactosidase Antibody - Background

beta-Galactosidase Antibody: Beta-galactosidase (beta-gal), an inducible enzyme that catalyses the hydrolysis of lactose and other beta-galactosides into monosaccharides, is a product of the LacZ operon, and is a homo-tetrameric protein consisting of four identical subunits of approximately 114 kDa each. The enzyme is commonly used as a reporter gene in molecular biology to assess the efficiency of transfection.

beta-Galactosidase Antibody - References

Matthews BW. The structure of *E. coli* beta-galactosidase. C. R. Biol. 2005; 328:549-56.