



# Magic™ Anti-beta Galactosidase polyclonal antibody (DPATB-H81187)

This product is for research use only and is not intended for diagnostic use.

## PRODUCT INFORMATION

<b>Product Overview</b>	Chicken Anti-beta Galactosidase Polyclonal Antibody
<b>Target</b>	beta Galactosidase
<b>Immunogen</b>	Purified beta Galactosidase (lacZ) protein emulsified in Freund's adjuvants.
<b>Isotype</b>	IgY
<b>Source/Host</b>	Chicken
<b>Species Reactivity</b>	N/A
<b>Purification</b>	IgY fraction
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	IHC-FoFr, ICC, IF
<b>Cellular Localization</b>	Cytoplasmic
<b>Positive Control</b>	Tissues infected with a virus bearing the LacZ gene
<b>Format</b>	Liquid
<b>Size</b>	200 µl
<b>Buffer</b>	pH: 7.20 Preservative: 0.01% Thimerosal (merthiolate) 49% PBS, 50% Glycerol
<b>Preservative</b>	None
<b>Storage</b>	Store (in the dark) at -20°C. Avoid multiple freeze/thaw cycles.

## BACKGROUND

**Introduction** Beta galactosidase is coded by a gene (lac z) in the lac operon of Escherichia coli. It is a metalloenzyme that splits lactose into glucose and galactose. It hydrolyzes terminal, non-reducing beta-D-galactose residues in beta-D-galactosides.

**Keywords** lacZ; beta-D-galactosidase; ECK0341; JW0335