SICGEN ANTIBODIES

Product Data Sheet

Catalogue No.	Qty:
AB0382-100	300 µg

Anti-LacZ

Source: Goat

General description: Goat polyclonal antibody to LacZ. The LacZ protein is a well-known enzyme in molecular biology and genetics, especially used as a reporter gene. This enzyme hydrolyzes lactose into glucose and galactose; it also acts on synthetic substrates like X-gal or ONPG, which are commonly used in lab assays for visual detection.

Alternative names: ?-galactosidase antibody

Form: PBS, 20% glycerol and 0.05% sodium azide

Immunogen: Affinity purified recombinant protein produced in E. coli

Specificity: In lysates of transfected/transformed cells with the plasmid containing the sequence used, detects the fusion protein by Western blot.

Reactivity: Reacts with Transfected cells and Transformed cells proteins

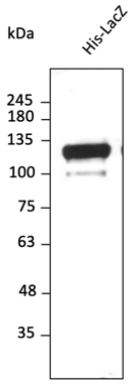
Sample	WB	IHC (F)	IHC (P)	IF	ELISA	IEM
Transfected cells	+++	ND	ND	ND	ND	ND
Transformed cells	+++	ND	ND	ND	ND	ND

+++ excellent, ++ good, + poor, ND not determined

Usage:

Storage: Store at -20 C for long-term storage. Store at 2-8 C for up to one month.

Special instructions: The antibody solution should be gently mixed before use..



Anti-LacZ Ab at 1/1,500 dilution; 50 ng of total protein per lane; rabbit polyclonal to goat IgG (HRP) at 1/10,000 dilution;

For research use only, not for diagnostic use

SICGEN's Proprietary Immunogen Policy

In order to produce high specific antibodies SICGEN has invested a lot of time and effort into selecting immunogen sequences. SICGEN has decided to protect this information by not publishing it on the website. However, these sequences are available on request.