

ARG62682 anti-beta Galactosidase antibody [BG-02]

Package: 100 µg
Store at: -20°C

Summary

Product Description	Mouse Monoclonal antibody [BG-02] recognizes beta Galactosidase
Tested Reactivity	E. coli
Tested Application	ICC/IF, WB
Specificity	The clone BG-02 recognizes a non-catalytic centre epitope of beta-galactosidase from E. coli.
Host	Mouse
Clonality	Monoclonal
Clone	BG-02
Isotype	IgG1
Target Name	beta Galactosidase
Immunogen	beta-Galactosidase purified from E. coli.
Conjugation	Un-conjugated
Alternate Names	ECK0341; JW0335

Application Instructions

Application table	Application	Dilution
	ICC/IF	Assay-dependent
	WB	Assay-dependent
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	

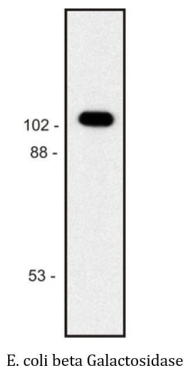
Properties

Form	Liquid
Purification	Purified from ascites by precipitation methods.
Purity	> 95% (by SDS-PAGE)
Buffer	PBS (pH 7.4) and 15 mM Sodium azide
Preservative	15 mM Sodium azide
Concentration	1 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Database links	GeneID: 945006 E. coli
Gene Symbol	lacZ
Gene Full Name	beta-D-galactosidase
Background	Repressed during biofilm formation. [More information is available at EcoGene: EG10527]. galacotsidase is a metalloenzyme exhibiting broad substrate specificity. [More information is available at EcoCyc: EG10527].
Function	Catalytic activity: Hydrolysis of terminal non-reducing beta-D-galactose residues in beta-D-galactosides. [UniProt]
Research Area	Controls and Markers antibody; Metabolism antibody
Calculated Mw	116 kDa

Images



ARG62682 anti-beta Galactosidase antibody [BG-02] WB image

Western blot: Purified E. coli beta Galactosidase (reduced sample) stained with ARG62682 anti-beta Galactosidase antibody [BG-02].