

## ARG23188 anti-Firefly Luciferase antibody [LUC-Y]

Package: 50 µg  
Store at: -20°C

### Summary

Product Description	Mouse Monoclonal antibody [LUC-Y] recognizes Firefly Luciferase Mouse anti Luciferase antibody, clone LUC-Y detects the expression of the luciferase gene of the North American firefly Photinus pyralis in cells and tissues.
Tested Reactivity	Firef
Tested Application	ELISA, FACS, IHC-Fr, WB
Host	Mouse
Clonality	Monoclonal
Clone	LUC-Y
Isotype	IgG1
Target Name	Firefly Luciferase
Species	Firefly
Immunogen	Recombinant Firefly Luciferase expressed in E. coli.
Conjugation	Un-conjugated

### Application Instructions

Application table	Application	Dilution
	ELISA	1:500 - 1:5000
	FACS	10 µg/ml
	IHC-Fr	Assay-dependent
	WB	1:100
Application Note	<p>FACS: Membrane permeabilisation is required for this application. Use 10 µl of the suggested working dilution to label 10<sup>6</sup> cells in 100 µl.</p> <p>WB: This product detects a band of approximately 55 - 60 kDa with a sample of 1 µg of purified luciferase from Photinus pyralis.</p> <p>* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.</p>	

### Properties

Form	Liquid
Purification	Purification with Protein A.
Buffer	PBS and 0.09% Sodium azide.
Preservative	0.09% Sodium azide
Concentration	1 mg/ml

<b>Storage instruction</b>	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.
<b>Note</b>	For laboratory research only, not for drug, diagnostic or other use.