

Product datasheet for **SM1670P**

Luciferase (*Photinus pyralis*) Mouse Monoclonal Antibody [Clone ID: LUC-Y]

Product data:

Product Type:	Primary Antibodies
Clone Name:	LUC-Y
Applications:	ELISA, FC, IHC, WB
Recommended Dilution:	ELISA. Western Blot. Flow Cytometry: Use 10 µl of 10 µg/ml diluted antibody to label 10 ⁶ cells in 100l (Membrane permeabilisation is required). Immunohistochemistry on Frozen Sections.
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Recombinant Luciferase expressed in <i>E. coli</i> . Spleen cells from immunised BALB/c were fused with cells of the SP20 myeloma cell line.
Specificity:	This antibody detects the expression of the luciferase gene of the North American firefly <i>Photinus pyralis</i> in cells and tissues. The antibody detects a band of approximately 55-60 kDa with a sample of 1 µg of purified Luciferase from <i>Photinus pyralis</i> on a Western blot.
Formulation:	PBS State: Purified State: Liquid purified IgG fraction Preservative: 0.09% Sodium Azide
Concentration:	lot specific
Purification:	Affinity Chromatography on Protein A
Conjugation:	Unconjugated
Storage:	Store undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Database Link:	P08659



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