

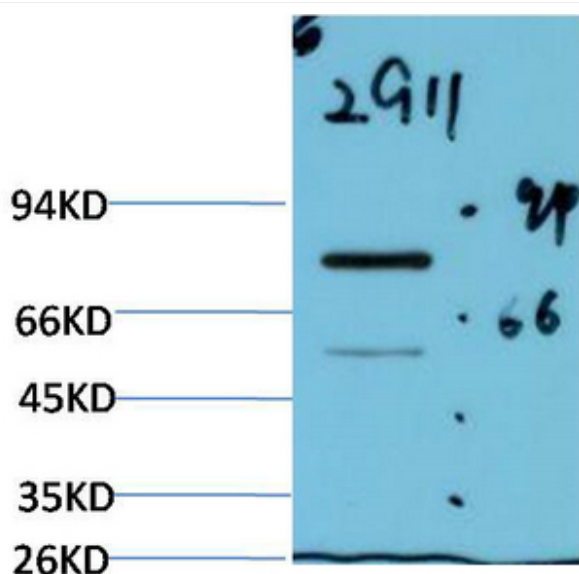


Luciferase mouse Monoclonal Antibody(2G11)

Catalog No	YP-Ab-04850
Isotype	IgG
Reactivity	Firefly
Applications	WB
Gene Name	
Immunogen	Synthetic Peptide of Luciferase
Specificity	Luciferase protein detects endogenous levels of Luciferase
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Monoclonal, Mouse
Purification	The antibody was affinity-purified from mouse ascites by affinity-chromatography using specific immunogen.
Dilution	WB 1:1000-2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	Luciferase;redLUC
Observed Band	60kD
Calculated Molecular Weight	60kD
Cell Pathway	
Tissue Specificity	
Function	bioluminescence, oxidation reduction,
Background	Luciferase from the firefly has become one of the more widely used reporter proteins for the study of gene expression. Luciferase catalyzes a bioluminescent reaction which requires the substrate luciferin as well as Mg ²⁺ and ATP. Mixing these reagents with the cell extract containing luciferase, results in a flash of light that decays rapidly. This light can be detected by a luminometer. The total light emission is proportional to the luciferase activity of the sample.
matters needing attention	Avoid repeated freezing and thawing!

**Usage suggestions**

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images

Western blot analysis of Firefly Luciferase Transfected Hela Cell Lysate using Luciferase Mouse mAb diluted at 1:2000.