

DATASHEET

GFP-tag Mouse Monoclonal Antibody(C2040)

CAT. NO. AMA01652

KEY FEATURES

| | | | |
|---------------|-----------------------------------------------------------------------------------------------------------|---------------|--------------------|
| Target | GFP-tag | Source / Host | Mouse |
| Reactivity | | Clonality | Monoclonal |
| Applications | WB, IP | Conjugation | Unconjugated |
| Form / Buffer | Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide. | | Storage at-20°C |

BACKGROUND

Energy-transfer acceptor. Its role is to transduce the blue chemiluminescence of the protein aequorin into green fluorescent light by energy transfer. Fluoresces in vivo upon receiving energy from the Ca(2+)-activated photoprotein aequorin.

APPLICATION

To ensure optimal assay performance, AREX recommends conducting reagent titration tailored to each testing system for optimal detection results.

| | |
|----|-----------------|
| WB | 1:2000 - 1:5000 |
| IP | 1:100 - 1:200 |

*Results are sample-specific. Please refer to your local assay conditions and test parameters for reference.

PRODUCT OVERVIEW

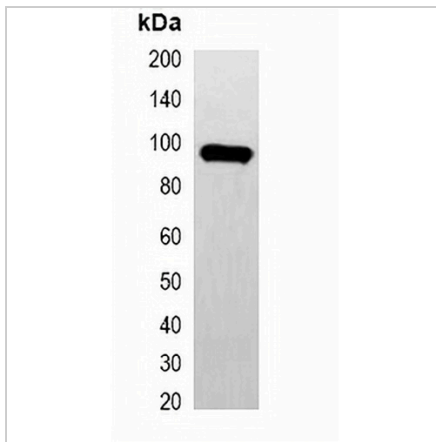
| | |
|---------------|-----------------------------------------------------------------------------------------------------------|
| Description | Mouse monoclonal antibody to GFP-tag |
| Specificity | Recognizes RFP, YFP, CFP. |
| Antibody Type | Primary antibody,Tag |
| Immunogen | Recombinant protein corresponding to GFP-tag. |
| Purification | Affinity chromatography |
| Form/Buffer | Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide. |
| Entrez Gene | 7011691(Human) |
| SwissProt | P42212(Human) |

*AREX continuously optimizes our products. Webpage content may not reflect the latest updates. For inquiries, please contact info@arexbio.com or your local distributor.

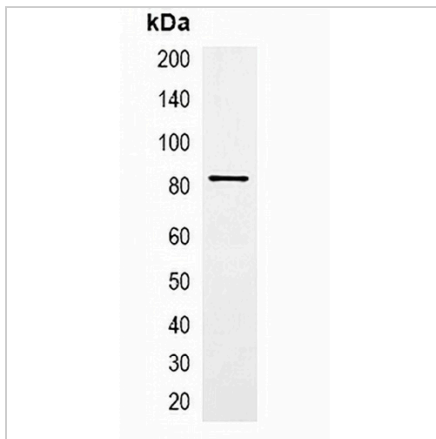
*Clone Number, Reactivity, Source/Host and Clonality can be found in the product name and Key Features section above.

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DATA

Western blot analysis of over-expressed GFP-tagged protein in 293T cell lysate.



Immunoprecipitation of GFP-tagged protein from HEK293T cells transfected with vector overexpressing GFP tag, using Anti-GFP-tag Antibody.

STORAGE

Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.

NOTE

For Research Use Only. Not for diagnostic, therapeutics, prophylactic or in vivo use.