

# Anti-beta Actin [R24-1G1] Monoclonal Antibody

## AGMB05414

### Description

---

This Anti-beta Actin [R24-1G1] Monoclonal Antibody is supplied as a kit for advanced applications. The kit includes Bradford Reagent to quantify total protein concentration for accurate sample normalization (Optional).

### Product Information

---

<b>SKU:</b>	AGMB05414
<b>Contents:</b>	1mL, 50µl, 100µl Bradford Reagent: 1 vial (2ml)
<b>Synonyms:</b>	ACTIN, ACTB, BETA-ACTIN, beta actin, actin beta
<b>Applications:</b>	<b>WB</b> <b>IHC-P</b> <b>ICC/IF</b>
<b>Research Area:</b>	Isotype/Loading Controls
<b>Form:</b>	Liquid

### Antibody Data

---

<b>Reactivity:</b>	Human, Mouse, Rat
<b>Clone:</b>	R24-1G1
<b>Clonality:</b>	Monoclonal Antibody
<b>SwissProt ID:</b>	P60709
<b>Immunogen:</b>	A synthesized peptide derived from human beta Actin
<b>Gene ID:</b>	60
<b>Gene Name:</b>	ACTB

#### Manufacturers Statement

This final kit system is assembled and quality-released by Assay Genie Limited.

**Host Species:** Rabbit

**Isotype:** IgG

**Purification:** Affinity Chromatography

**Conjugated:** Unconjugated

**Modification:** Unmodified

**Molecular Weight:** Calculated MW: 42 kDa, Observed MW: 42 kDa

## Preparation & Storage

---

**Storage:** Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.  
Store Bradford Reagent at Room Temperature for 1 Year.

**Storage Buffer:** Liquid in 1xPBS(pH 7.4), 150mM NaCl, 50% Glycerol, 0.02% Sodium azide and 0.05% BSA

<b>Antibody Dilution Ratio:</b>	<b>Application</b>	<b>Antibody Dilution Ratio</b>
	WB	1:5000-1:10000
	IHC	1:50-1:200
	IF	1:100-1:200

**Protein Quantification (Optional):** To quantify total protein levels, use the Bradford Reagent included in this kit. Visit <https://www.assaygenie.com/bradford-protein-assay-protocol/> to view the full protocol.