

# Anti-IKB alpha [R08-9E4] Monoclonal Antibody

## AGMB01672

### Description

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This Anti-IKB alpha [R08-9E4] 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

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|-----------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>SKU:</b>           | AGMB01672                                                                                                                                                          |
| <b>Contents:</b>      | 20µl, 50µl, 100µl<br>Bradford Reagent: 1 vial (2ml)                                                                                                                |
| <b>Synonyms:</b>      | NFKBIA, IKBA, MAD3, NFKBI, NF-kappa-B inhibitor alpha, I-kappa-B-alpha, IκB-alpha, IkappaBalphabet, Major histocompatibility complex enhancer-binding protein MAD3 |
| <b>Applications:</b>  | <b>WB</b> <b>IHC-P</b> <b>ICC/IF</b> <b>FC</b> <b>IP</b>                                                                                                           |
| <b>Research Area:</b> | Signal Transduction                                                                                                                                                |
| <b>Form:</b>          | Liquid                                                                                                                                                             |

### Antibody Data

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|                      |                                        |
|----------------------|----------------------------------------|
| <b>Reactivity:</b>   | Human, Mouse, Rat                      |
| <b>Clone:</b>        | R08-9E4                                |
| <b>Clonality:</b>    | Monoclonal Antibody                    |
| <b>SwissProt ID:</b> | P25963                                 |
| <b>Immunogen:</b>    | A synthetic peptide of human IKB alpha |
| <b>Gene ID:</b>      | 4792                                   |

#### Manufacturers Statement

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

**Gene Name:** NFKBIA  
**Host Species:** Rabbit  
**Isotype:** IgG  
**Purification:** Affinity Purified  
**Conjugated:** Unconjugated  
**Modification:** Unmodified  
**Molecular Weight:** Calculated MW: 36 kDa, Observed MW: 39 kDa

## Preparation & Storage

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**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                 | 1:2000-1:10000                 |
|                                 | IHC                | 1:50-1:500                     |
|                                 | IF                 | 50-1:100                       |
|                                 | FC                 | 1:20                           |
|                                 | IP                 | 1:20                           |

**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.