

# Anti-CTCF (K344E Mutant) [2S6-C4-V1] Monoclonal Antibody

## AGMB04748

### Description

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This Anti-CTCF (K344E Mutant) [2S6-C4-V1] 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>           | AGMB04748                                     |
| <b>Contents:</b>      | 50µl, 100µl<br>Bradford Reagent: 1 vial (2ml) |
| <b>Synonyms:</b>      | CTCF, MRD21                                   |
| <b>Applications:</b>  | <b>WB</b> <b>ICC/IF</b> <b>ELISA</b>          |
| <b>Research Area:</b> | Epigenetics                                   |
| <b>Form:</b>          | Liquid                                        |

### Antibody Data

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|----------------------|----------------------------------------------------------------------------------------------------------|
| <b>Reactivity:</b>   | Vertebrates                                                                                              |
| <b>Clone:</b>        | 2S6-C4-V1                                                                                                |
| <b>Clonality:</b>    | Monoclonal Antibody                                                                                      |
| <b>SwissProt ID:</b> | -                                                                                                        |
| <b>Immunogen:</b>    | A synthetic peptide from the internal region of CTCF which includes the mutation of K344E, human origin. |
| <b>Gene ID:</b>      | -                                                                                                        |

#### Manufacturers Statement

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

**Gene Name:** CTCF, MRD21

**Host Species:** Mouse

**Isotype:** IgG

**Purification:** Purified from ascites

**Conjugated:** Unconjugated

**Modification:** Unmodified

**Molecular Weight:** -

## Preparation & Storage

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**Storage:** Store at -20°C. Avoid freeze/thaw cycles.  
Store Bradford Reagent at Room Temperature for 1 Year.

**Storage Buffer:** Liquid in PBS (without Mg<sup>2+</sup> and Ca<sup>2+</sup>), pH 7.4, 150 mM NaCl, 50% glycerol

| <b>Antibody Dilution Ratio:</b> | <b>Application</b> | <b>Antibody Dilution Ratio</b> |
|---------------------------------|--------------------|--------------------------------|
|                                 | WB                 | 1:500-1:1000                   |
|                                 | IHC-P              | 1:50-1:100                     |
|                                 | ELISA              | 1:1000-1:5000                  |
|                                 | IF                 | 1:50-1:200                     |

**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.