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## Product Datasheet

### **Phospho-4E-BP1 (Thr37/46) (Clone: A5) rabbit mAb APC conjugate, Clone: [4EB1T37T46-A5], Rabbit, Monoclonal ABI-12-4151-10**

|                            |                                                                                                                                                                                                                                                               |
|----------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Article Name               | Phospho-4E-BP1 (Thr37/46) (Clone: A5) rabbit mAb APC conjugate, Clone: [4EB1T37T46-A5], Rabbit, Monoclonal                                                                                                                                                    |
| Biozol Catalog Number      | ABI-12-4151-10                                                                                                                                                                                                                                                |
| Supplier Catalog Number    | 12-4151-10                                                                                                                                                                                                                                                    |
| Alternative Catalog Number | ABI-12-4151-10-10TESTS                                                                                                                                                                                                                                        |
| Manufacturer               | Abeomics                                                                                                                                                                                                                                                      |
| Host                       | Rabbit                                                                                                                                                                                                                                                        |
| Category                   | Antikörper                                                                                                                                                                                                                                                    |
| Application                | FACS                                                                                                                                                                                                                                                          |
| Species Reactivity         | Human, Mouse, Rat                                                                                                                                                                                                                                             |
| Immunogen                  | A synthetic phospho-peptide corresponding to residues surrounding Thr37/46 of human phospho 4E-BP1                                                                                                                                                            |
| Conjugation                | APC                                                                                                                                                                                                                                                           |
| Product Description        | 4E-BP1 regulates protein translations induced by upstream signals initiated by ERK1/2 MAP kinase or PI3-Kinase/AKT/mTOR pathways. Ultimately activation of mTOR, positively stimulates mRNA translation by its two dominant downstream substrates: ribosom... |
| Clonality                  | Monoclonal                                                                                                                                                                                                                                                    |
| Clone Designation          | [4EB1T37T46-A5]                                                                                                                                                                                                                                               |
| Form                       | Conjugated                                                                                                                                                                                                                                                    |

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| Application Dilute | For flow cytometric staining, the suggested use of this reagent is 5 $\mu\text{L}$ per million cells or 5 $\mu\text{L}$ per 100 $\mu\text{L}$ of staining volume. It is recommended that the reagent be titrated for optimal performance for each application. |
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