

## Product datasheet for **TA423074**

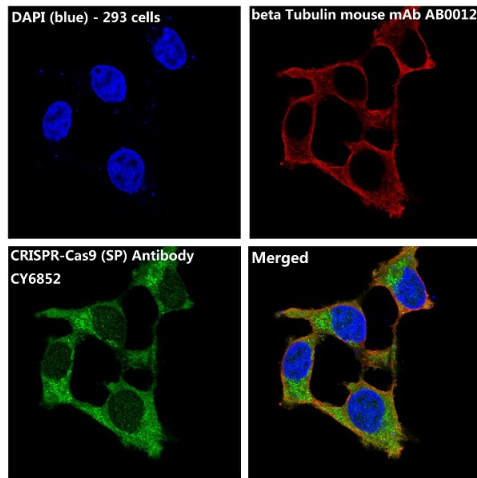
### Rabbit Monoclonal Antibody [Clone ID: OTIRA0893]

#### Product data:

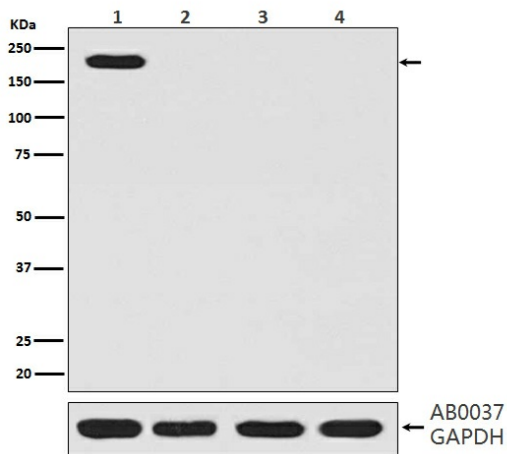
|                                |  |
|--------------------------------|--|
| <b>Product Type:</b>           | Primary Antibodies   |
| <b>Clone Name:</b>             | OTIRA0893  |
| <b>Applications:</b>           | FC, ICC, ICC/IF, IHC, WB   |
| <b>Recommended Dilution:</b>   | WB:1/1000-2000;IHC:1/100-200;ICC/IF:1/50-200;FC:1/20-100   |
| <b>Reactivity:</b>             | Streptococcus  |
| <b>Host:</b>                   | Rabbit   |
| <b>Isotype:</b>                | IgG  |
| <b>Clonality:</b>              | Monoclonal   |
| <b>Immunogen:</b>              | A synthesized peptide derived from human CRISPR-Cas9 SP  |
| <b>Specificity:</b>            | CRISPR-Cas9 SP Antibody detects endogenous levels of total CRISPR-Cas9 SP  |
| <b>Formulation:</b>            | Rabbit IgG in 10mM phosphate buffered saline , pH 7.4, 150mM sodium chloride, 0.05% BSA, 0.02% sodium azide and 50% glycerol.  |
| <b>Concentration:</b>          | lot specific   |
| <b>Purification:</b>           | Affinity-chromatography  |
| <b>Conjugation:</b>            | Unconjugated   |
| <b>Storage:</b>                | Store at +4°C short term. Store at -21°C long term. Avoid freeze / thaw cycle.   |
| <b>Predicted Protein Size:</b> | 158kDa   |
| <b>Database Link:</b>          | <a href="#">Q99ZW2</a>   |
| <b>Background:</b>             | The CRISPR associated protein 9 (Cas9) is an RNA-guided DNA nuclease and part of the Streptococcus pyogenes CRISPR antiviral immunity system that provides adaptive immunity against extra chromosomal genetic material. CRISPR/Cas9 genome editing tools have been used in many organisms, including mouse and human cells. |
| <b>Synonyms:</b>               | Cas9; CRISPR-associated endonuclease Cas9/Csn1; CRISPR-Cas9/Csn1; csn1; SpyCas9  |



Product images:



Immunofluorescent analysis of 293T cells transfected with CRISPR-SpCas9, using CRISPR-Cas9 SP Antibody .



Western blot analysis of CRISPR-Cas9 SP expression in (1) 293T cell lysate transfected with CRISPR-Cas9; (2) 293T cell lysate; (3) 3T3 cell lysate; (4) PC12 cell lysate.