



# mOrange Polyclonal Antibody

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| <b>Catalog No</b>                  | YP-Ab-10276                                                                                                                                                                                                                                                                                                                                                           |
| <b>Isotype</b>                     | IgG                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Reactivity</b>                  | Species independent                                                                                                                                                                                                                                                                                                                                                   |
| <b>Applications</b>                | WB                                                                                                                                                                                                                                                                                                                                                                    |
| <b>Gene Name</b>                   |                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Immunogen</b>                   | Recombinant Protein of mOrange                                                                                                                                                                                                                                                                                                                                        |
| <b>Specificity</b>                 | The antibody detects mOrange & mOrange Tag protein.                                                                                                                                                                                                                                                                                                                   |
| <b>Formulation</b>                 | PBS, pH 7.4, containing 0.5%BSA, 0.02% sodium azide as Preservative and 50% Glycerol.                                                                                                                                                                                                                                                                                 |
| <b>Source</b>                      | Polyclonal, Rabbit,IgG                                                                                                                                                                                                                                                                                                                                                |
| <b>Purification</b>                | The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using specific immunogen.                                                                                                                                                                                                                                                         |
| <b>Dilution</b>                    | WB: 1:2000-5000                                                                                                                                                                                                                                                                                                                                                       |
| <b>Concentration</b>               | 1 mg/ml                                                                                                                                                                                                                                                                                                                                                               |
| <b>Purity</b>                      | ≥90%                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Storage Stability</b>           | -20°C/1 year                                                                                                                                                                                                                                                                                                                                                          |
| <b>Synonyms</b>                    | mOrange;YM3230                                                                                                                                                                                                                                                                                                                                                        |
| <b>Observed Band</b>               |                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Calculated Molecular Weight</b> |                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Cell Pathway</b>                |                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Tissue Specificity</b>          |                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Function</b>                    |                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Background</b>                  | mOrange and mOrange2 are extremely bright orange fluorescent protein monomers which can be used as tags or reporters. Both mOrange fluorescent proteins are mutants derived from mRFP1, a monomeric mutant of DsRed.mOrange excitation and emission maxima are 548 and 562 nm, respectively.mOrange2 excitation and emission maxima are 549 and 565 nm, respectively. |
| <b>matters needing attention</b>   | Avoid repeated freezing and thawing!                                                                                                                                                                                                                                                                                                                                  |

**Usage suggestions**

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

**Products Images**

Western blot analysis of mOrange recombinant protein, diluted at 1:5000. Secondary antibody(catalog#:RS0002) was diluted at 1:20000