

Purified anti-AU1 Epitope Tag Antibody (Previously Covance catalog# MMS-130P)

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|--------------------------|---|
| Catalog# / Size | 901905 / 25 µL 901901 / 200 µL 901902 / 500 µL |
| Clone | AU1 |
| Regulatory Status | RUO |
| Other Names | AU1 epitope tag, DTYRYI epitope tag, DTYRYI tag |
| Previously | Covance Catalog# MMS-130P |
| Isotype | Mouse IgG2a |
| Description | The AU1 tag, which consists of the peptide sequence DTYRYI, is often used as a protein modification in order to simplify the labeling and detection of proteins. This unique amino acid sequence allows for specific antibody detection in western blotting and other immunostaining techniques. Due to the short sequence, this modification is not likely to affect the structure or function of the modified proteins. |

Product Details

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| Verified Reactivity | DTYRYI Tag |
| Antibody Type | Monoclonal |
| Host Species | Mouse |
| Immunogen | Monoclonal antibody AU1 was raised against an SDS-disrupted BPV-1 preparation and mapped to the six amino acid epitope DTYRYI. |
| Formulation | Phosphate-buffered solution + 0.03% Thimerosal. |
| Preparation | The antibody was purified by affinity chromatography. |
| Concentration | 1 mg/mL |
| Storage & Handling | The antibody solution should be stored undiluted between 2°C and 8°C. Please note the storage condition for this antibody has been changed from -20°C to between 2°C and 8°C. You can also check your vial or your CoA to find the most accurate storage condition for this antibody. |
| Application | WB, ICC, IP, Purification |
| Recommended Usage | Each lot of this antibody is quality control tested by Western blotting . The optimal working dilution should be determined for each specific assay condition. • WB: 1:1,000 • ICC: 1:1,000 • IP: 1:150 |
| Application Notes | This antibody is effective in immunofluorescence (IF), immunoblotting (WB), and immunoprecipitation (IP) of tagged proteins. The clone was specifically designed for use in epitope tagging. Because of the small size of the epitope, it is unlikely to alter the activity of the cloned sequence. This antibody was purified using protein-G chromatography. |

Application References

1. Mothe-Satney I, *et al.* 2000. *J Biol Chem.* 275:33836.
2. Goldstein DJ, *et al.* 1992. *EMBO J.* 11:4851.
3. Lim PS, *et al.* 1990. *J Infect Dis.* 162:1263.
4. Sauter D, *et al.* 2011. *PLoS Pathog.* 8:e1003093. (WB, IF)
5. Kluge SF, *et al.* 2013. *Retrovirology* 10:32. (WB, IF) [PubMed](#)
6. Heigele A, *et al.* 2012. *J. Virol.* 86:36. WB) [PubMed](#)

Product Citations

1. Heigle A, *et al.* 2012. J Virol. 86:36-48. [PubMed](#)
2. Waise TMZ, *et al.* 2019. Nat Commun. 10:714. [PubMed](#)
3. Wroblewska A *et al.* 2018. Cell. 175(4):1141-1155 . [PubMed](#)
4. Kluge S, *et al.* 2013. Retrovirology. 10:32. [PubMed](#)
5. Kim YJ, *et al.* 2021. PLoS Pathog. 17:e1009179. [PubMed](#)
6. Joas S, *et al.* 2020. Cell Rep. 30:2261. [PubMed](#)
7. Chen X, *et al.* 2021. Sci Rep. 11:14525. [PubMed](#)

RRID

AB_2734667 (BioLegend Cat. No. 901905)
AB_2565013 (BioLegend Cat. No. 901901)
AB_2565014 (BioLegend Cat. No. 901902)

Antigen Details

Biology Area Cell Biology
Gene ID NA

Related Protocols

[Western Blotting Protocol](#)

Other Formats

Purified anti-AU1 Epitope Tag

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