

OriGene Technologies, Inc.

9620 Medical Center Drive, Ste 200 Rockville, MD 20850 UNITED STATES Phone: +1-888-267-4436 Fax: +1-301-340-8606 techsupport@origene.com

OriGene Technologies GmbH

Schillerstr. 5 32052 Herford GERMANY Phone: +49-5221-34606-0 Fax: +49-5221-34606-11 info-de@origene.com

AM26098PU-N

N Monoclonal Antibody to 6xHistidine Epitope Tag (HHHHHH) - Aff - Purified

| Alternate names: | 6xHis-Tag, HHHHHH Tag, HIS6 Tag, His Tag | |
|------------------|--|--|
| Quantity: | 0.1 mg | |
| Concentration: | 1.0 mg/ml | |
| Background: | 6x-His tags are a type of tag for expressed proteins. This tag is made up of 6 histidine residues attached to either the N- or C-terminal of a protein. Proteins expressed with this type of tag are then traditionally purified using a divalent metal ion column. However, using an antibody specific to this 6x-His tag, the protein can be analyzed for by Western blot or immunofluorescence techniques, thus eliminating the need for a protein-specific antibody. 6x-His tags are particularly effective for the purification of protein expressed in E. coli systems. | |
| Host / Isotype: | Mouse / IgG2b | |
| Clone: | 16-002 | |
| Immunogen: | Purified, recombinant C-terminal His ₆ -tagged protein expressed in <i>E. coli</i> | |
| Format: | State: Liquid purified Ig fraction Purification: Affinity Chromatography on Protein G Buffer System: PBS pH 7.4 Preservatives: 15mM Sodium Azide | |
| Applications: | ELISA. Western Blot: 1/500-1/1000 (Reduced conditions). Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user. | |
| Specificity: | This antibody detects the C-terminal His_6 -tag, probably recognizes N-terminal His_6 -tag | |
| Storage: | Upon receipt, store (in aliquots) at -20°C to -70°C. Avoid repeated freezing and thawing. Shelf life: One year from despatch. | |

For research and in vitro use only. Not for diagnostic or therapeutic work. Material Safety Datasheets are available at www.acris-antibodies.com or on request.

| | AM26098PU-N: Monoclonal Antibody to 6xHis Purified | tidine Epitope Tag (HHHHHH) - Aff - | |
|-----------|--|--|--|
| Pictures: | Western Blot testing of anti His6 Monoclonal antobody. Production of recombinant, C-terminal Hexahistidine tag-containing IL-10 (23.2 kDa) was tested from CHO-based cell line supernatant. | 130 100 70 55 40 35 25 | |

15

For research and in vitro use only. Not for diagnostic or therapeutic work. Material Safety Datasheets are available at www.acris-antibodies.com or on request.