

### Product datasheet for AM26098PU-N

#### OriGene Technologies, Inc.

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## 6xHistidine Epitope Tag (HHHHHH) Mouse Monoclonal Antibody [Clone ID: 16-002]

**Product data:** 

**Product Type:** Primary Antibodies

**Clone Name:** 16-002

Applications: ELISA, WB

Recommended Dilution: ELISA.

Western Blot: 1/500-1/1000 (Reduced conditions).

Host: Mouse

**Isotype:** lgG2b

Clonality: Monoclonal

Immunogen: Purified, recombinant C-terminal His<sub>6</sub>-tagged protein expressed in *E. coli* 

**Specificity:** This antibody detects the C-terminal His<sub>6</sub>-tag, probably recognizes N-terminal His<sub>6</sub>-tag

Formulation: PBS pH 7.4

State: Aff - Purified

State: Liquid purified Ig fraction Preservative: 0.09% Sodium Azide

Concentration: lot specific

**Purification:** Affinity Chromatography on Protein G

Conjugation: Unconjugated

Storage: Upon receipt, store (in aliquots) at -20°C to -70°C.

Avoid repeated freezing and thawing.

**Stability:** Shelf life: One year from despatch.





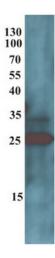
#### Background:

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.

Synonyms:

6xHis-Tag, His Tag, HIS6 Tag, HHHHHHH Tag

# **Product images:**



Western Blot testing of anti His6
Monoclonalantobody. Production of
recombinant, C-terminal Hexahistidine tagcontaining IL-10 (23.2 kDa) was testedfrom
CHO-based cell line supernatant.