

## Product datasheet for **AM26098PU-N**

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

#### Product data:

<b>Product Type:</b>	Primary Antibodies
<b>Clone Name:</b>	16-002
<b>Applications:</b>	ELISA, WB
<b>Recommended Dilution:</b>	<b>ELISA.</b> <b>Western Blot:</b> 1/500-1/1000 (Reduced conditions).
<b>Host:</b>	Mouse
<b>Isotype:</b>	IgG2b
<b>Clonality:</b>	Monoclonal
<b>Immunogen:</b>	Purified, recombinant C-terminal His <sub>6</sub> -tagged protein expressed in <i>E. coli</i>
<b>Specificity:</b>	This antibody detects the C-terminal His <sub>6</sub> -tag, probably recognizes N-terminal His <sub>6</sub> -tag
<b>Formulation:</b>	PBS pH 7.4 State: Aff - Purified State: Liquid purified Ig fraction Preservative: 0.09% Sodium Azide
<b>Concentration:</b>	lot specific
<b>Purification:</b>	Affinity Chromatography on Protein G
<b>Conjugation:</b>	Unconjugated
<b>Storage:</b>	Upon receipt, store (in aliquots) at -20°C to -70°C. Avoid repeated freezing and thawing.
<b>Stability:</b>	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, HHHHHH Tag

**Product images:**

Western Blot testing of anti His6 Monoclonal antibody. Production of recombinant, C-terminal Hexahistidine tag-containing IL-10 (23.2 kDa) was tested from CHO-based cell line supernatant.