

**AM26098PU-N****Monoclonal Antibody to 6xHistidine Epitope Tag (HHHHHH) - Aff - Purified**

<b>Alternate names:</b>	6xHis-Tag, HHHHHH Tag, HIS6 Tag, His Tag
<b>Quantity:</b>	0.1 mg
<b>Concentration:</b>	1.0 mg/ml
<b>Background:</b>	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 <i>E. coli</i> systems.
<b>Host / Isotype:</b>	Mouse / IgG2b
<b>Clone:</b>	16-002
<b>Immunogen:</b>	Purified, recombinant C-terminal His <sub>6</sub> -tagged protein expressed in <i>E. coli</i>
<b>Format:</b>	<b>State:</b> Liquid purified Ig fraction <b>Purification:</b> Affinity Chromatography on Protein G <b>Buffer System:</b> PBS pH 7.4 <b>Preservatives:</b> 15mM Sodium Azide
<b>Applications:</b>	<b>ELISA.</b> <b>Western Blot:</b> 1/500-1/1000 (Reduced conditions). Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
<b>Specificity:</b>	This antibody detects the C-terminal His <sub>6</sub> -tag, probably recognizes N-terminal His <sub>6</sub> -tag
<b>Storage:</b>	Upon receipt, store (in aliquots) at -20°C to -70°C. Avoid repeated freezing and thawing. Shelf life: One year from despatch.

**Pictures:**

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.

