

## Monoclonal Antibody to N epsilon-(gamma-L-glutamyl)-L-lysine isopeptide - Ascites

<b>Catalog No.:</b>	AM10205SU-N
<b>Quantity:</b>	0.2 ml
<b>Host / Isotype:</b>	Mouse / IgM
<b>Clone:</b>	81D4
<b>Immunogen:</b>	Ne-(g-L-glutamyl)-L-lysine isopeptide
<b>Format:</b>	<b>State:</b> Lyophilized powder <b>Preservatives:</b> None <b>Reconstitution:</b> Restore in distilled water.
<b>Applications:</b>	<b>ELISA.</b> <b>Immunohistochemistry:</b> 1/50-1/800. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
<b>Specificity:</b>	Reacts with Ne (g-L-glutamyl)-L-lysine. Cross reacts in ELISA with N1,N4 bis (gPoly L-glutamyl) Putrescine and N1,N8 bis (gPoly L-glutamyl) Spermidine. There is no cross reaction with: Protein bound Ne acetyl lysine, protein bound N1 or N4 mono (gPoly L-glutamyl) Putrescine, protein bound N1 mono (gPoly L-glutamyl) Spermidine, protein bound Ne (g-L-glutamyl) lysine having a free alpha amine either on its glutamyl or lysyl moieties. The ability of this antibody to fix complement is unknown.
<b>Storage:</b>	Prior to reconstitution store the antibody at -20°C. Store reconstituted antibody at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing. Shelf life: one year from despatch.
<b>General Readings:</b>	1. Shaik KS, Meyer F, Vázquez AV, Flötenmeyer M, Cerdán ME, Moussian B. δ-Aminolevulinic synthase is required for apical transcellular barrier formation in the skin of the Drosophila larva. Eur J Cell Biol. 2012 Mar;91(3):204-15. doi: 10.1016/j.ejcb.2011.11.005. Epub 2012 Jan 30. PubMed PMID: 22293958.

**Pictures:**

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - N epsilon gamma glutamyl Lysine antibody.

Localization on N epsilon gamma glutamyl Lysine bounds on sections of skin.

