

Product number **A023**
Revision number **RN3.0**

Product Name	Monoclonal antibody to N ^ε -(γ-L-glutamyl)-L-lysine-isopeptide bond
Host	Mouse
Clone	Cov81D4
Isotype	IgM / Kappa
Immunogen	N ^ε -(γ-L-glutamyl)-L-lysine-isopeptide
Specificity	Mouse monoclonal Antibody reacts with: - N ^ε -(γ-L-glutamyl)-L-lysine-isopeptide - might react with other isopeptides (putrescine, spermidine)
Ability to fix complement:	Unknown
Appearance	Lyophilized powder in glass vial. No preservative added. Vial must be reconstituted with 100 μl of distilled water.
Working dilutions	Optimal dilutions should be determined by the end user. The following are guidelines only: Immunohistology: 1 / 50 to 1 / 500 Western-Blot: 1 / 200 to 1 / 1,000
Storage	Lyophilized powder: stable for a minimum of 2 years at – 20 °C. Reconstituted ascitic fluid: stable for 2 weeks at + 4 °C. For extended periods: store aliquots at – 20 °C. <i>Delivery at ambient temperature is possible</i>
References	Wilhelmus et al., Anal Biochem. 2020, 592:113578 Armstrong et al., Acta Cir. Bras. 2018, 33:991-999 Scarnato et al., LWT - Food Sci. Tech. 2017, 81:101-110 Zhang et al., Mol. Neurobiol. 2016, 53:5066-78 de Jager et al., J. Neurochem. 2015, 134:1116-28 Steppan et al., J. Am. Heart Assoc. 2014, 3:e000599 Shrestha et al., Biomed. Res. Int. 2014,2014:651608 Nadalutti et al., Cell. Mol. Life Sci. 2014, 71:1315-26 de Jager et al., Neurobiol. Aging. 2013, 34:1159-69 Shaik et al., Eur. J. Cell Biol. 2012, 91:204-15 Elli et al., Lab. Invest. 2011, 91:452-61 Wang et al., PLoS Pathog. 2010, 6:e1000763 Johnson et al., J. Neurosci. Methods. 2004, 134:151-8 Thomas et al., J. Immunol. Methods. 2004, 292:83-95 Kartinen et al., J. Bone Miner. Res. 2002, 17:2161-73
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NOTE	THE PRODUCT IS MANUFACTURED BY COVALAB, FRANCE INTENDED FOR RESEARCH USE ONLY, NOT FOR USE IN HUMAN, THERAPEUTIC OR DIAGNOSTIC APPLICATIONS.