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Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Chicken anti Human Osteopontin c, conjugated with Biotin

[exalpha.com/products/chicken-anti-human-osteopontin-c-conjugated-with-biotin/AhOPNc-B](https://www.exalpha.com/products/chicken-anti-human-osteopontin-c-conjugated-with-biotin/AhOPNc-B)

Catalog number: **AhOPNc-B**

Product Type	Primary antibodies
Units	0.1 mg
Host	Chicken
Species Reactivity	Human
Application	ELISA Western Blotting

Source

A chicken was immunized with a peptide representing the splice junction of osteopontin-c (Ac-SEEKQNAVSC-COOH). After multiple immunizations, eggs were collected and IgY was purified from the egg yolk. The antibody was affinity purified on an osteopontin-c peptide column and conjugated to Biotin.

Product

Product Form: Biotin conjugated

Formulation: Phosphate buffered saline, pH 7.2, 50% glycerol with 0.01% Thimerosal

Purification Method: Egg-yolk derived IgY Affinity Purified

Concentration: See vial for concentration.

Applications

This antibody is suitable for ELISA and Western blots. Optimal working dilutions should be determined for your particular assay conditions.

Storage

Product should be stored at -20°C. Aliquot to avoid freeze/thaw cycles.

Shipping Conditions: Ship at ambient temperature

Caution

This product is intended FOR RESEARCH USE ONLY, and FOR TESTS IN VITRO, not for use in diagnostic or therapeutic procedures involving humans or animals. It may contain hazardous ingredients. Please refer to the Safety Data Sheets (SDS) for additional information and proper handling procedures. Dispose product remainders according to local regulations. This datasheet is as accurate as reasonably achievable, but Exalpa Biologicals accepts no liability for any inaccuracies or omissions in this information.

References

1. He B, Mirza M, Weber GF., 2006. An osteopontin splice variant induces anchorage independence in human breast cancer cells. *Oncogene* 25:2192–2202.
2. Mirza M, Shaughnessy E, Hurley JK, Vanpatten KA, Pestano GA, He B, Weber GF., 2008. Osteopontin-c is a selective marker of breast cancer. *Int J Cancer*: 122:2646.
3. Sullivan J, Blair L, Alnajar A, Aziz T, Ng CY, Chipitsyna G, Gong Q, Witkiewicz A, Weber GF, Denhardt DT, Yeo CJ, Arafat HA., 2009. Expression of a prometastatic splice variant of osteopontin, OPNC, in human pancreatic ductal adenocarcinoma. *Surgery* 146:232-40.
4. Tilli, TM, Thuler LC, Matos, AR, Coutinho-Camillo, CM, Soares, FA, da Silva, EA, Neves, AF, Goulart, LR and ER Gimba. 2011. Expression analysis of osteopontin mRNA splice variants in prostate cancer and benign prostatic hyperplasia. *Exp. Mol. Pathol.* 92:13-19.
5. Tilli, TM, Mello, KD, Ferreira, LB, Matos, AR, Accioly, MTS, Faria, PAS., Bellahcène, A, Castronovo, V and ER Gimba. 2012. Both osteopontin-c and osteopontin-b splicing isoforms exert pro-tumorigenic roles in prostate cancer cells. *Prostate* 72:1688-1699.
6. Zhang, MX, Xu YJ, Zhu MC and F. Yan. 2013. Overexpressed Osteopontin-c as a Potential Biomarker for Esophageal Squamous Cell Carcinoma. *Asian Pac J Cancer Prev* 14: 7315-9
7. T. Martins Tilli, L. Bueon Ferreira and E.R. Pereira Gimba. 2015. Osteopontin-c mediates the upregulation of androgen responsive genes in LNCaP cells through P13K/Akt and androgen receptor signaling. *Oncol. Lett.* 9: 1845-50.
8. Zduniak K., Ziolkowski, P. Ahlin C., Agrawal, A., Blomqvist, C., Fjallskog, M.L., and G.F. Weber. 2015. Nuclear Osteopontin-c is a prognostic breast cancer marker. *Br. J. Cancer* 112:729-38.
9. Zduniak, K, Agrawal, A, Agriwal, S, Hossain, MM, Ziolkowski, P and GF Weber, 2016. Osteopontin splice variants are differential predictors of breast cancer treatment responses. *BMC Cancer* 16:441.

Safety Datasheet(s) for this product:

EA_Thimerosal EA_Glycerol