

Code No. 28001

## Anti-Rat

## C-ERC/Mesothelin (306) Rabbit IgG Affinity Purify

Volume : 100 µg

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- Antigen : Synthetic peptide of the part of Rat C-ERC/Mesothelin (GKEPNVVDENLIFYQNWELEA)
- Purification : Purified with antigen peptide
- Form : Lyophilized product from 1 % BSA in PBS containing 0.05 % NaN<sub>3</sub>
- How to use : 1.0 mL deionized water will be added to the product (the conc. comes up 100 µg /mL)
- Stability : Lyophilized product, 5 years at 2 8 °C : Solution, 2 years at –20 °C
- **Application** : This antibody can be stained in formalin fixed paraffin embedded tissues by several immunohistochemical techniques such as Avidin Biotin Complex (ABC) Method. The optimal dilution is 0.05 5 μg/mL. (In the case of pancreatic tissues, lower concentration is recommended as they tend to present non-specific staining)
  - : This antibody can be used for western blotting in concentration of 0.05 2  $\mu$ g /mL.
- Reference : 1. Hino O, Kobayashi E, Nishizawa M, Kubo Y, Kobayashi T, Hirayama Y, Takai S, Kikuchi Y, Tsuchiya H, Orimoto K, et al. Renal carcinogenesis in the Eker rat.J Cancer Res Clin Oncol. 1995;121(9-10):602-5.
  - 2. Chang K, Pastan I. Molecular cloning of mesothelin, a differentiation antigen present on mesothelium, mesotheliomas, and ovarian cancers. Proc Natl Acad Sci U S A. 1996 Jan 9;93(1):136-40.
  - 3. Yamashita Y, Yokoyama M, Kobayashi E, Takai S, Hino O. Mapping and determination of the cDNA sequence of the Erc gene preferentially expressed in renal cell carcinoma in the Tsc2 gene mutant (Eker) rat model. Biochem Biophys Res Commun. 2000 Aug 18;275(1):134-40.
  - 4. Nakaishi M, Kajino K, Ikesue M, Hagiwara Y, Kuwahara M, Mitani H, Horikoshi-Sakuraba Y, Segawa T, Kon S, Maeda M, Wang T, Abe M, Yokoyama M, Hino O. Establishment of the enzyme-linked immunosorbent assay system to detect the amino terminal secretory form of rat Erc/Mesothelin.Cancer Sci. 2007 May;98(5):659-64.

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