Code No. 28131

Anti-Rat Niban (53) Rabbit IgG Affinity Purify

Volume : 100 μg

Introduction : 
Niban has been cloned from cell lines derived from Eker rat by AFLP-Differential Display method as a novel gene which is increased in the early stage of renal carcinogenesis (ref. 6). Then, it has been reported that Niban protein is expressed in various cancer tissues including thyroid cancer. In research of recent years, it has been reported that Niban is an ER stress-inducible protein and it regulates phosphorylation of eIF2α and S6K1/4E-BP1 (ref. 3).

Antigen : Synthetic peptide of a part of rat Niban (TDLLPKLGKKNDRKRA)

Purification : Purified with antigen peptide

Form : Lyophilized product from PBS containing 1 % BSA and 0.05 % NaN₃

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 used for immunohistochemistry with formalin fixed paraffin embedded tissues after microwave treatment (10 min, 10 mM citrate buffer, pH 6.0). The recommended concentration is about 1 μg/mL, however, the concentration should be optimized by each laboratory.
This antibody can be used for western blotting in concentration of about 5 μg /mL.