

本公司提供的电子版说明书仅供参考，实验请以收到的纸质手册为准。

Anti-OPRT Rabbit IgG Affinity Purify

多克隆抗体

产品货号: PA01373

第三版

**描述:**Thymidylate synthase/TS (EC 2.1.1.45), Dihydropyrimidine dehydrogenase/DPD (EC 1.3.1.2), Thymidine phosphorylase/TP (EC 2.4.2.4) and Orotate phosphoribosyl transferase/OPRT (EC 2.4.2.10) are known as key enzymes related to nucleic-acid metabolism within the body. These enzymes are also known to be related to activation, metabolism and catabolism of 5-FU (5-fluorouracil) which is a metabolic antagonist being widely used for solid cancers including digestive system cancer and breast cancer as an anticancer drug. And there are some reports regarding correlation between the enzymes and the effects of 5-FU-based anticancer drugs. Additionally, TS and DPD have been reported to be prognostification-related factors of individuals who suffer cancers. As seen above, this antibody is useful for researches of nucleic acid and expression of those proteins in cancer tissues including effect prediction of 5-FU-based anticancer drugs and searching for prognostification factors.

**抗原:**Synthetic peptide of a part of Human OPRT (ISAADRLEAAEMYRKAWEAY: 454-474)

**配方:**Lyophilized product in PBS containing 1 % BSA and 0.05 % NaN<sub>3</sub>.

**如何使用:**加1ml超纯水重溶

**稳定性:** -20 ° C保存条件下，冻干粉,保质期为五年；液体，保质期为两年。

**稀释液:**PBS (pH7.4) ， 1% BSA

**应用:**WB 1 ~ 5 μg/ml.

**特异性:**Please see datasheet.