



Anti- Dermokine (ZD52F10), Rabbit-Polyclonal Antibody

Catalog No. GB-30025
Antigen species: Human
Host species: Rabbit

Quantity: 100 μ g
Reactivity: Human
Form: Peptide affinity purified antibody

Applications tested: ELISA

Target description

The function of this protein is still unknown. The human ZD52F10 gene is up-regulated in colon cancer metastasis. It encode the protein (dermokine), which is a new stratified epithelium-secreted protein.

Antigen

The antibody was raised in rabbits by using synthetic peptide located within the C-terminal domain of ZD52F10 protein as immunogen.

Application

The antibody titer is more than 100K for ELISA. It has not been tested in the other applications. However, for the first testing, we recommend 1/10,000 dilution for ELISA, 1/5,000 dilution for Western blot analysis (WB) of recombinant protein, 1/2,000 dilution for tissue extracts or cell lysates, 1/200 dilution for immunohistochemistry (IHC) staining on frozen cryosections, 1/100 dilution for IHC staining on paraffin embedded sections.

Related Products

1. Anti-MMP2 pAb (GB-10342).
2. Anti-BMP17 pAb (GB-10001)
3. Anti-MMP17 pAb (GB-10042).
4. Anti-MMP1 pAb (PY-10174).
5. Anti-MMP12(a.a.35-117) pAb (PY-10169).

Ab dilution	Pre-bleed	Purified-Ab
1:10K	0.118	1.419
1:100K	0.081	0.309
1:1,000K	0.068	0.083
Titer		~641 K

ELISA Protocol

Antigen is coated on EIA strips at 1 μ g per well. Add 200 μ l of blocking buffer and then wash wells with PBST buffer. Pre-immune serum and peptide specific purified antibody GB-30025 is diluted in series as $10^4 \sim 10^6$ folds and added in separate wells. Incubate antibody for 1hr. Wash unbound antibodies and add anti-rabbit IgG-HRP conjugate. Wash the plates and add substrate to develop color for 5 min. Read absorbance (ABS) at 650 nm. Amount of color is directly proportional to the amount of antibodies. Antibody is positive at >0.1 of ABS of antiserum minus pre-bleed serum.

Storage

It is supplied as peptide affinity purified antibody in lyophilized powder. Redissolve the powder with 100 microliter sterile water will restore to the original concentration 1mg/ml (1 \times PBS). Store at 4 $^{\circ}$ C for short-term application. For long-term storage, aliquot and store at -20 $^{\circ}$ C.

References

1. Saha, S.; Bardelli, A.; Buckhaults, P.; Velculescu, V. E.; Rago, C.; St. Croix, B.; Romans, K. E.; Choti, M. A.; Lengauer, C.; Kinzler, K. W.; Vogelstein, B. : A phosphatase associated with metastasis of colorectal cancer. *Science* 294: 1343-1346, 2001.
2. Matsui T, Hayashi-Kisumi F, Kinoshita Y, Katahira S, Morita K, Miyachi Y, Ono Y, Imai T, Tanigawa Y, Komiya T, Tsukita S. Identification of novel keratinocyte-secreted peptides dermokine-alpha/-beta and a new stratified epithelium-secreted protein gene complex on human chromosome 19q13.1. *Genomics*. 2004 Aug;84(2):384-97.