

Human TPD52L1 antibody

Catalog Number: ATD0401

PRODUCT INFORMATION

Catalog number

ATD0401

Clone No.

d1D5

Product type

Monoclonal Antibody

UnitProt No.

Q16890

NCBI Accession No.

NP_001003397

Alternative Names

D54, hD53, hD54, mD53, MGC73020, MGC8556, Tpd52l1, TPD52L2, Tumor protein D52 like 1, Tumor protein D52 like 2, Tumor protein D52-like 1, Tumor protein D52-like 1 isoform 4, Tumor protein D52-like 1 isoform 4 D53, Tumor protein D53, Tumor protein D54

PRODUCT SPECIFICATION

Antibody Host

Mouse

Reacts With

Human

Concentration

1mg/ml (determined by BCA assay)

Formulation

Liquid in. Phosphate-Buffered Saline (pH 7.4) with 0.02% Sodium Azide, 10% glycerol

Immunogen

Recombinant human TPD52L1 (1-131aa) purified from E. coli

Isotype

IgG2b kappa

Purification Note

By protein-G affinity chromatography

Application

ELISA, IHC, FACS

Usage

The antibody has been tested by ELISA, FACS and IHC analysis to assure specificity and reactivity. Since application varies, however, each investigation should be titrated by the reagent to obtain optimal results.

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Storage

Can be stored at +2C to +8C for 1 week. For long term storage, aliquot and store at -20C to -80C. Avoid repeated freezing and thawing cycles.

BACKGROUND

Description

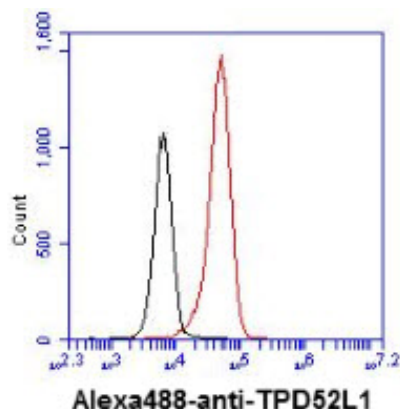
D52-like (TPD52L1) protein is a member of D52 gene family and overexpressed in human breast carcinoma. This protein contains coiled-coil motif, which is responsible for homo- and heteromeric interaction, and may be regulators of cell proliferation and calcium-mediated signal transduction.

General References

- Byrne, J. A, et al., (1995) Cancer Res. 55: 2896-2903.
 Byrne, J. A, et al., (1996) Genomics. 35: 523-32.
 Byrne, J. A, et al., (1998) Oncogene. 16: 873-81.
 Nourse, C. R, et al., (1998) Biochim. Biophys. Acta. 1443: 155-68.

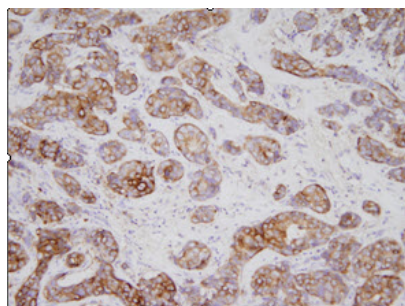
DATA

Flow cytometry (FACS)



Flow cytometry analysis of TPD52L1 in A431 cell line, staining at 2-5ug for 1×10^6 cells (red line). The secondary antibody used goat anti-mouse IgG Alexa fluor 488 conjugate. Isotype control antibody was mouse IgG (black line).

Immunohistochemistry (IHC)



Human gastric cancer tissues were incubated with anti-human TPD52L1 (1:200) for o/n at room temperature. Slides were then washed in PBS, and were incubated in avidin biosystem anti-rabbit labeled polymer for 30 min at RT. Enzyme detection was performed with DAB chromogen.