

FR beta polyclonal antibody

Catalog: BS62377

Host: Rabbit

Reactivity: Human,Mouse,Rat

BackGround:

Folate is an essential vitamin that must be obtained from food intake through intestinal absorption in mammals. Folate and reduced folic acid derivatives bind to the folate receptor (FR) family, which mediates the endocytosis of 5-methyltetrahydrofolate into the cell. The folate receptors consist of five members, α , β , γ , γ' (which is produced by alternative splicing) and δ . α -FR and β -FR are attached to the membrane by a GPI anchor and are expressed in malignant tissues of epithelial and nonepithelial origin, respectively. γ -FR is expressed in tissues of hematopoietic origin, such as spleen, thymus and bone marrow, but the expression pattern of δ -FR is elusive, which suggests that it is highly restricted both spatially and temporally. α -FR is used as a highly selective tumor marker and may be targeted for the delivery of therapeutic compounds to tumor cells by coupling to derivatives of folic acid.

Product:

Rabbit IgG, 1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2

Molecular Weight:

~ 35 kDa

Swiss-Prot:

P14207

Purification&Purity:

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

Applications:

WB:1:500~1:1000

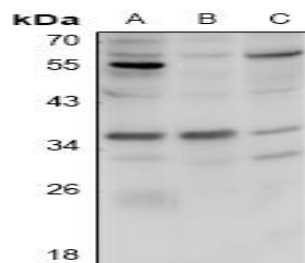
Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

Specificity:

FR beta polyclonal antibody detects endogenous levels of FR beta protein.

DATA:



Western blot (WB) analysis of FR beta polyclonal antibody at 1:500 dilution

LaneA:HCT116 whole cell lysate

LaneB:CT26 whole cell lysate

LaneC:PC12 whole cell lysate

Note:

For research use only, not for use in diagnostic procedure.

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