

APRIL (S183) polyclonal antibody

Catalog: BS1893

Host: Rabbit

Reactivity: Human, Mouse, Rat

Background:

A proliferation-inducing ligand (APRIL), also designated TNFSF13, is a Type II membrane protein that shares characteristics with other members of the tumor necrosis factor (TNF) cytokine family. APRIL is expressed in high levels in transformed cell lines and in human colon, thyroid, and lymphoid tumor tissues. APRIL is critically involved in the regulation of infections, inflammation, autoimmune diseases, and tissue homeostasis. APRIL is implicated in the regulation of tumor cell growth. The C-terminal extracellular domain has a jelly roll topography and is important in ligand trimerization. The binding of the ligand to its respective receptor induces oligomerization, initiating downstream signaling events. Intrinsic to oligomerization is the formation of the receptor binding site at the junction between neighboring subunits, creating a multivalent ligand.

Product:

1 mg/ml in Phosphate buffered saline (PBS) with 15 mM sodium azide, approx. pH 7.2.

Molecular Weight:

~ 22 to 32 kDa

Swiss-Prot:

O75888

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

IHC: 1:50~1:200

IF: 1:50~1:200

Storage&Stability:

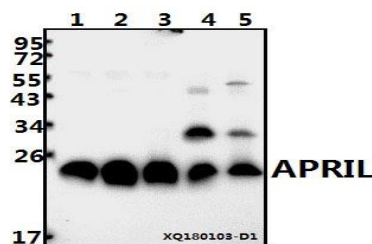
Store at 4 °C short term. Aliquot and store at -20 °C long

term. Avoid freeze-thaw cycles.

Specificity:

APRIL (S183) polyclonal antibody detects endogenous levels of APRIL protein.

DATA:



Western blot (WB) analysis of APRIL (S183) pAb at 1:500 dilution

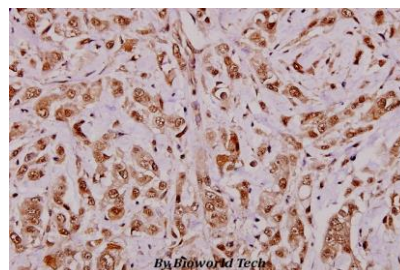
Lane1:SGC7901 whole cell lysate(40ug)

Lane2:A549 whole cell lysate(40ug)

Lane3:Panc1 whole cell lysate(40ug)

Lane4:H9C2 whole cell lysate(40ug)

Lane5:CT26 whole cell lysate(40ug)



Immunohistochemistry (IHC) analyzes of APRIL (S183) pAb in paraffin-embedded human breast carcinoma tissue at 1:100.

Note:

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

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