

CD167a (Phospho-Y792) polyclonal antibody

Catalog: BS67515

Host: Rabbit

Reactivity: Human, Mouse, Rat

BackGround:

The discoidin domain receptors (DDR) are receptor tyrosine kinases with a discoidin homology repeat in their extracellular domains, activated by binding to extracellular matrix collagens. So far, two mammalian DDRs have been identified: DDR1 and DDR2. They are widely expressed in human tissues and may have roles in smooth muscle cell-mediated collagen remodeling. Research studies have implicated aberrant expression and signaling of DDRs in human diseases related to increased matrix degradation and remodeling, such as cardiovascular disease, liver fibrosis, and tumor invasion. Phosphorylation of DDR1 on Tyr513 was identified at Cell Signaling Technology (CST) using PhosphoScan®, a CST™ LC-MS/MS platform for phosphorylation site discovery. Additional research looking at DDR1 activation state has identified the same phosphorylation site in DDR1.

Product:

Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.

Molecular Weight:

~ 105 kDa

Swiss-Prot:

Q08345

Purification&Purity:

The antibody was purified by immunogen affinity chromatography.

Applications:

WB (1/500 - 1/1000)

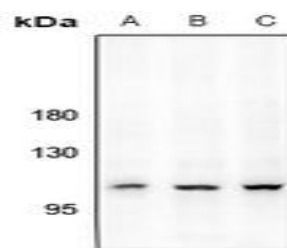
Storage&Stability:

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

Specificity:

Recognizes endogenous levels of CD167a with a site at pY792 protein.

DATA:



Western blot analysis of CD167a (pY792) expression in EC9706 (A), Hela (B), C6 (C) whole cell lysates.

Note:

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

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