

bs-6269R**[Primary Antibody]****phospho-DDR1 (Tyr513) Rabbit pAb****BioSS**
ANTIBODIES

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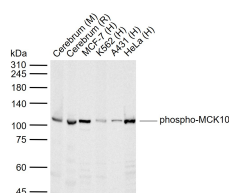
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— DATASHEET —

Host: Rabbit Clonality: Polyclonal GeneID: 780 Target: DDR1 (Tyr513) Immunogen: KLH conjugated synthesised phosphopeptide derived from human MCK10 around the phosphorylation site of Tyr513: PA(p-Y)RL. Purification: affinity purified by Protein A Concentration: 1mg/ml Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles. Background: Receptor tyrosine kinases (RTKs) play a key role in the communication of cells with their microenvironment. These molecules are involved in the regulation of cell growth, differentiation and metabolism. The protein encoded by this gene is a RTK that is widely expressed in normal and transformed epithelial cells and is activated by various types of collagen. This protein belongs to a subfamily of tyrosine kinase receptors with a homology region to the Dictyostelium discoideum protein discoidin I in their extracellular domain. Its autophosphorylation is achieved by all collagens so far tested (type I to type VI). In situ studies and Northern-blot analysis showed that expression of this encoded protein is restricted to epithelial cells, particularly in the kidney, lung, gastrointestinal tract, and brain. In addition, this protein is significantly over-expressed in several human tumors from breast, ovarian, esophageal, and pediatric brain. This gene is located on chromosome 6p21.3 in proximity to several HLA class I genes. Alternative splicing of this gene results in multiple transcript variants.	Isotype: IgG SWISS: Q08345 Applications: WB (1:500-2000) Reactivity: Human, Mouse, Rat (predicted: Pig, Cow, Horse) Predicted MW.: 99 kDa Subcellular Location: Secreted ,Cell membrane
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— VALIDATION IMAGES —

Sample: Lane 1: Mouse Cerebrum tissue lysates
 Lane 2: Rat Cerebrum tissue lysates Lane 3:
 Human MCF-7 cell lysates Lane 4: Human K562
 cell lysates Lane 5: Human A431 cell lysates Lane
 6: Human HeLa cell lysates Primary: Anti-
 phospho-MCK10 (Tyr513) (bs-6269R) at 1/1000
 dilution Secondary: IRDye800CW Goat Anti-
 Rabbit IgG at 1/20000 dilution Predicted band
 size: 99 kDa Observed band size: 105 kDa