

## EMR2 (L160) polyclonal antibody

Catalog: BS2617

Host: Rabbit

Reactivity: Human, Mouse, Rat

### Background:

EMR2 is a member of the EGF-TM7 receptor subfamily. EGF-TM7 receptors are a family of class B, seven-span transmembrane (TM7) receptors predominantly expressed by cells of the immune system. Within the TM7 superfamily, the molecular structure and ligand-binding properties of EGF-TM7 receptors are unique. Derived from the processing of a single polypeptide, they are expressed at the cell surface as heterodimers consisting of a large extracellular region associated with a TM7 moiety. Through a variable number of N-terminal EGF-like domains, EGF-TM7 receptors interact with cellular ligands such as CD55 and chondroitin sulfate. EMR2 is a heptahelical molecule predominantly expressed on cells of the immune system such as leukocytes. EMR2 is proteolytically cleaved into two separate subunits: a seven-transmembrane subunit, and an extracellular  $\alpha$  subunit.

### Product:

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

### Molecular Weight:

~ 90 kDa

### Swiss-Prot:

Q9UHX3

### 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

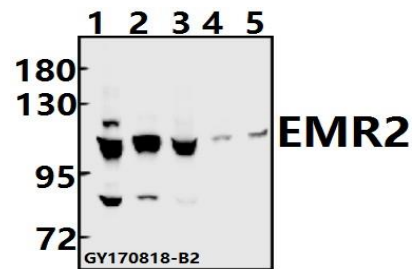
### Storage&Stability:

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

### Specificity:

EMR2 (L160) polyclonal antibody detects endogenous levels of EMR2 protein.

### DATA:



Western blot (WB) analysis of EMR2 (L160) pAb at 1:500 dilution

Lane1:K562 whole cell lysate(40ug)

Lane2:U-87MG whole cell lysate(40ug)

Lane3:A549 whole cell lysate(40ug)

Lane4:The Lung tissue lysate of Mouse(40ug)

Lane5:The Lung tissue lysate of Rat(40ug)

### Note:

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

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