

## Phospho-4.1R (Y660) Polyclonal Antibody

### Description

|                                |   |
|--------------------------------|---|
| <b>Product type</b>            | Primary Antibody  |
| <b>Code</b>                    | BT-PHS00468   |
| <b>Host</b>                    | Rabbit  |
| <b>Isotype</b>                 | IgG   |
| <b>Size</b>                    | 20ul, 50ul, 100ul   |
| <b>Immunogen</b>               | The antiserum was produced against synthesized peptide derived from human EPB41 around the phosphorylation site of Tyr660/418. AA range:626-675 |
| <b>Mol wt</b>                  | 97017   |
| <b>Species reactivity</b>      | Human, mouse  |
| <b>Clonality</b>               | Polyclonal  |
| <b>Recommended application</b> | WB, IHC-p, ELISA  |
| <b>Concentration</b>           | 1 mg/ml   |
| <b>Full name</b>               | Phospho-4.1R (Y660) Antibody  |
| <b>Synonyms</b>                | EPB41; E41P; Protein 4.1; P4.1; 4.1R; Band 4.1; EPB4.1  |

**This product is for research use only, not for use in human, therapeutic or diagnostic procedure.**

### Background

The erythrocyte membrane protein band 4, encoded by EPB41, together with spectrin and actin, constitute the red cell membrane cytoskeletal network. This complex plays a critical role in erythrocyte shape and deformability. Mutations in this gene are associated with type 1 elliptocytosis (EL1). Alternatively spliced transcript variants encoding different isoforms have been described for this gene.

### Recommended Dilution

WB: 1: 500 - 1: 2000

IHC: 1: 100 - 1: 300

ELISA: 1: 5000

Not yet tested in other applications.

### Images

No images.

### Storage

-20°C for one year

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