The erythrocyte membrane protein band 4.2 (EPB42) is an ATP-binding protein which seems to regulate the association of protein 3 with ankyrin. Additionally, it has a role in erythrocyte shape and mechanical property regulation. Mutations in the EPB42 gene are associated with recessive spherocytic elliptocytosis and recessively transmitted hereditary hemolytic anemia.

### Buffers
Purified rabbit polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein G column and eluted out with both high and low pH buffers and neutralized immediately after elution then followed by dialysis against PBS.

### Immunogen
KLH conjugated synthetic peptide comprised of amino acids 40 - 57 [CDFQAARNNEEHHTKALS] of the human erythrocyte membrane protein band 4.2 (EPB42) protein.

### Application
Tested by peptide-specific ELISA (1:1,000).

### Storage
Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C. Avoid repeated freeze-thaw cycles.

### References: