



## RBP4 Mouse Monoclonal Antibody

E10-30196

**Background:** This protein belongs to the lipocalin family and is the specific carrier for retinol (vitamin A alcohol) in the blood. It delivers retinol from the liver stores to the peripheral tissues. In plasma, the RBP-retinol complex interacts with transthyretin which prevents its loss by filtration through the kidney glomeruli. A deficiency of vitamin A blocks secretion of the binding protein posttranslationally and results in defective delivery and supply to the epidermal cells. (provided by RefSeq)

**Catalog Number:** E10-30196

**Amount:** 100µg/100µl

**Clone Number:** 4C2

**Species:** Mouse IgG1

**MW:** 23kDa

**Aliases:** RBP4

**Entrez Gene:** 5950

**Immunogen:** Purified recombinant fragment of human RBP expressed in E. Coli.

**Storage:** Store at 4°C, for long term storage, store at -20°C.

**Formulation:** Ascitic fluid containing 0.03% sodium azide.

**Species Reactivities:** Human

**Tested Applications:** WB, IHC, IF, FC, ELISA. Not yet tested in other applications.

**Application notes:** WB: 1/500 - 1/2000, IHC: 1/200-1/1000, IF: 1/200-1/1000, FC: 1/200-1/400, ELISA: Propose dilution 1/10000.

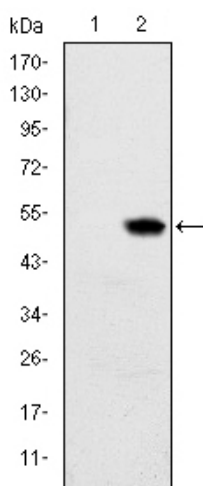


Figure 1: Western blot analysis using RBP4 mAb against HEK293 (1) and RBP4-hlgGfC transfected HEK293 (2) cell lysate

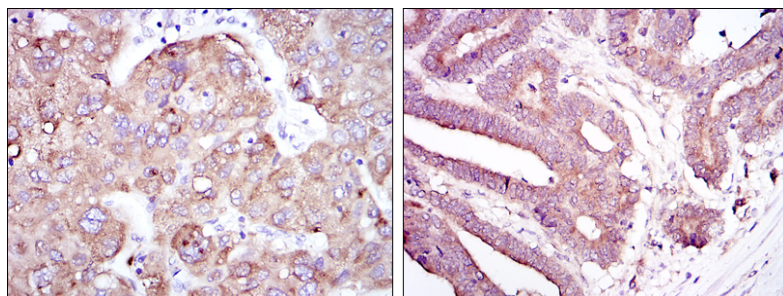
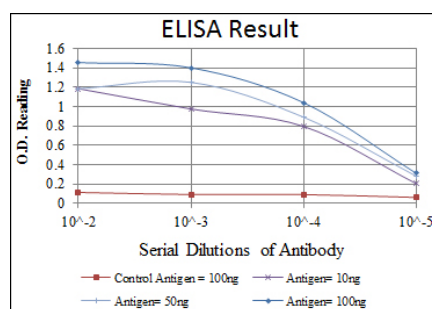


Figure 2: Immunohistochemical analysis of paraffin-embedded liver cancer tissues (left) and stomach cancer tissues (right) using RBP4 mouse mAb with DAB staining.



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