

## P40 Recombinant Rabbit Monoclonal Antibody

**Cat: HKZ150151**
**Company: HaoKebio**
**Uniprot ID:** Q9H3D4-2

**Applications:**

IHC: 1:100-1:200

**Organism:** Rabbit

IHC-Polymer: 1:400-1:800

**Species reactivity:** Human

TSA: 1:500-1:1000

**Predicted Molecular Weight:** 66 kDa

### Background:

p40 is an isoform of the p63 protein, primarily expressed in the basal/parabasal layers of stratified epithelial tissues (e.g., squamous epithelium, urothelium, bronchial epithelium), basal cells of certain glandular epithelia (e.g., prostate), myoepithelial cells of the breast and salivary glands, trophoblasts, and thymic epithelial cells. In tumor tissues, p40 exhibits specific expression in squamous cell carcinomas but is rarely detected in lung adenocarcinomas. Its sensitivity for lung squamous cell carcinoma is comparable to p63, while its specificity is significantly superior, making it valuable for differential diagnosis between lung squamous cell carcinoma and adenocarcinoma.

### Protein full name:

Rab9 effector protein with kelch motifs

### Synonyms:

RABEPK, RAB9P40

### Immunogen:

A synthetic peptide corresponding to amino acid residues 1–100 of p40.

### Isotype:

IgG

### Subcellular location:

Nucleus

### Purity:

Affinity purification

### Form:

Liquid

### Storage Buffer:

59% PBS, 0.01% sodium azide, 40% glycerol, 0.05% BSA.

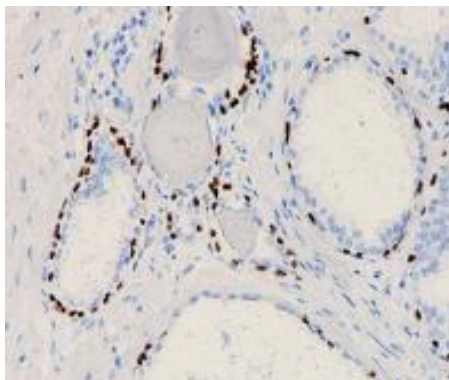
### Storage:

Ship on blue ice. Upon receipt, aliquot and store at -25°C to -18°C. Avoid repeated freeze-thaw cycles.

### Experimental procedure:

Antigen retrieval using Tris-EDTA buffer (pH 9.0); primary antibody incubation at room temperature (18 °C – 25 °C) for 30 minutes.

### Images:



Immunohistochemical results of p40-labeled prostate tissue (formalin-fixed, paraffin-embedded sections) using HKZ15015. 1. Antigen retrieval was performed with Tris-EDTA buffer (pH 9.0).

### Source of Reagents:

1. Nonaka D et.al, Am J Surg Pathol. 2012 Jun;36(6):895-9.
2. Bishop JA et.al, Mod Pathol. 2012 Mar;25(3):405-15.

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发表[中文论文]请标注: P40 (HKZ150151) 由杭州浩克生物技术有限公司提供;

发表[英文论文]请标注: P40 (HKZ150151) were kindly provided by Hangzhou Haoke Biotechnology Co., Ltd.

