

# BAK1 Recombinant Antibody



RACO0151

---

## Product Information

**Size:**

50ul

**Reactivity:**

Human

**Source:**

Human

**Isotype:**

Rabbit IgG

**Applications:**

ELISA, WB, IHC, FC, IP

**Recommended dilutions:**

WB:1:500-1:5000, IHC:1:50-1:200, IP:1:200-1:1000

**Protein Background:**

Plays a role in the mitochondrial apoptotic process. Upon arrival of cell death signals, promotes mitochondrial outer membrane (MOM) permeabilization by oligomerizing to form pores within the MOM. This releases apoptogenic factors into the cytosol, including cytochrome c, promoting the activation of caspase 9 which in turn processes and activates the effector caspases.

**Gene ID:**

BAK1

**Uniprot**

Q16611

**Synonyms:**

Bcl-2 homologous antagonist/killer, Apoptosis regulator BAK, Bcl-2-like protein 7, Bcl2-L-7, BAK1, BAK, BCL2L7, CDN1

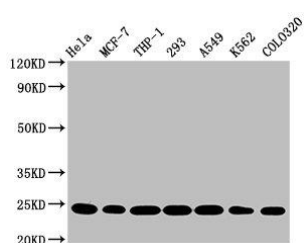
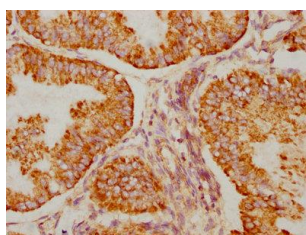
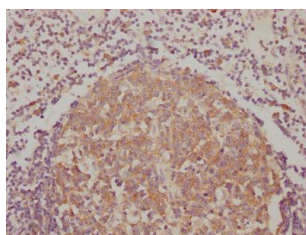
**Immunogen:**

A synthesized peptide derived from human BAK1.

**Storage:**

Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

## Product Images



IHC image of RACO0151 diluted at 1:90 and staining in paraffin-embedded human lymph node tissue performed on a Leica Bond<sup>TM</sup> system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4°C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.

IHC image of RACO0151 diluted at 1:90 and staining in paraffin-embedded human endometrial cancer performed on a Leica Bond<sup>TM</sup> system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4°C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.

### Western Blot

Positive WB detected in( HeLa whole cell lysate) MCF-7 whole cell lysate) THP-1 whole cell lysate) 293 whole cell lysate) A549 whole cell lysate) K562 whole cell lysate) Colo320 whole cell lysate) All lanes: BAK1 antibody at 0.9µg/ml

### Secondary

Goat polyclonal to rabbit IgG at 1:50000 dilution

Predicted band size: 24, 17 KDa

Observed band size: 24 KDa