Bok Antibody

For Research Use Only. Not For Use In Diagnostic Procedures.

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<td>H M R Mk</td>
<td>Endogenous</td>
<td>18</td>
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<td>O35425</td>
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**Product Usage Information**

**Application:** Western Blotting  
**Dilution:** 1:1000

**Storage**

Supplied in 10 mM sodium HEPES (pH 7.5), 150 mM NaCl, 100 µg/ml BSA and 50% glycerol. Store at −20°C. Do not aliquot the antibody.

**Specificity / Sensitivity**

Bok Antibody detects endogenous levels of total Bok protein. The antibody does not cross-react with endogenous levels of other Bcl-2 family members.

**Species Reactivity:**

Human, Mouse, Rat, Monkey

**Source / Purification**

Polyclonal antibodies are produced by immunizing animals with a synthetic peptide corresponding to residues within a central region of Bok. Antibodies are purified by protein A and peptide affinity chromatography.

**Background**

Bok (Bcl-2-related ovarian killer)/ Mtd is a pro-apoptotic Bcl-2 family member identified in a yeast two-hybrid screen using Mcl-1 as the bait (1). Bok contains conserved Bcl-2 homology domains, BH1, BH2, and BH3. In yeast two-hybrid assays, Bok interacted with some (Mcl-1, BHRF1, and Bfl-1) but not other (Bcl-2, Bcl-xL and Bcl-w) anti-apoptotic family members (1, 2). Likewise, Bok induced apoptosis is blocked by Mcl-1 and BHRF1 but not by Bcl-2 or Bcl-xL (1, 2). Bok was originally described to be predominately expressed in reproductive tissues such as ovary, testis and uterus (1). Subsequent studies have found selective expression of Bok in a number of adult and development tissues (2).


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**Species reactivity is determined by testing in at least one approved application (e.g., western blot).**

**APPLICATIONS KEY**  
WB: Western Blot  
P: Immunoprecipitation  
IHC: Immunohistochemistry  
ChIP: Chromatin Immunoprecipitation  
P: Immunofluorescence  
F: Flow Cytometry  
EP: ELISA-Peptide

**CROSS-REACTIVITY KEY**  
H: human  
M: mouse  
R: rat  
Hm: hamster  
Mk: monkey  
V: virus  
Mi: mink  
C: chicken  
D: melanogaster  
X: Xenopus  
Z: zebrafish  
B: bovine  
Dg: dog  
P: pig  
Sc: S. cerevisiae  
Gc: C. elegans  
Hr: horse  
All: all species expected

**IMPORTANT:** For primary antibodies recommended for western blotting applications, we recommend incubating the membrane with diluted antibody at 4°C with gentle shaking overnight. Please refer to the western blot protocol found on the product web page for the antibody-specific diluent recommendation.

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https://www.cellsignal.com/datasheet.jsp?productid=4521&images=0&protocol=0
#4521

**Bok Antibody**

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