

## CARD9

### Synthetic Human Caspase Recruitment Domain family member 9 (aa 521-536) Blocking Peptide

**Catalog No.** PX208BP **Quantity:** 50 µg

**Alternate Names:** hCARD9, caspase recruitment domain protein 9

**Description:** The protein encoded by this gene is a member of the CARD protein family, which is defined by the presence of a characteristic caspase-associated recruitment domain (CARD). CARD is a protein interaction domain known to participate in activation or suppression of CARD containing members of the caspase family, and thus plays an important regulatory role in cell apoptosis. This protein was identified by its selective association with the CARD domain of BCL10, a positive regulator of apoptosis and NF-kappaB activation, and is thought to function as a molecular scaffold for the assembly of a BCL10 signaling complex that activates NF-kappaB. Several alternatively spliced transcript variants have been observed, but their full-length nature is not clearly defined.

**Gene ID:** 64170

**Application:** The peptide is used for blocking the antibody activity of CARD9. The peptide with equal volume of antibody for 30 min at 37°C usually completely blocks the antibody activity in Western blotting.

**Formulation:** It is supplied as 200 µg/ml, 50 µg/vial, in PBS pH7.2 (10 mM NaH<sub>2</sub>PO<sub>4</sub>, 10 mM, Na<sub>2</sub>HPO<sub>4</sub>, 130 mM NaCl) containing 0.1% bovine serum albumin and 0.02% sodium azide.. **Precaution:** Sodium azide is a poisonous and hazardous substance which should be handled by trained staff only.

**Sequence:** DRENTTGSDNTDTEGS

**Storage & Stability:** Store at -20°C, stable for one year.

**NOT FOR HUMAN USE. FOR RESEARCH ONLY. NOT FOR DIAGNOSTIC OR THERAPEUTIC USE.**

