

BIRC5

Synthetic Survivin Blocking Peptide (aa 128-140)

Catalog No.	PX121BP	Quantity:	50 µg
Alternate Names:	API4, EPR-1, apoptosis inhibitor 4, baculoviral IAP repeat-containing protein 5, survivin variant 3 alpha		
Description:	Amino acids 128 to 140 of mouse survivin. This gene is a member of the inhibitor of apoptosis (IAP) gene family, which encode negative regulatory proteins that prevent apoptotic cell death. IAP family members usually contain multiple baculovirus IAP repeat (BIR) domains, but this gene encodes proteins with only a single BIR domain. The encoded proteins also lack a C-terminus RING finger domain. Gene expression is high during fetal development and in most tumors, yet low in adult tissues. Alternatively spliced transcript variants encoding distinct isoforms have been found for this gene.		
Gene ID:	332		
Application:	The peptide is used for blocking the antibody activity of survivin. 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 ₂ PO ₄ , 10 mM, Na ₂ HPO ₄ , 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:	AKTTRQSIEQ LAA		
Storage & Stability:	Store at -20°C, stable for one year.		

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

