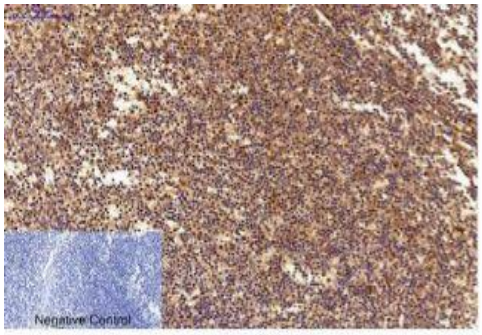
PRODUCT DATA SHEET

Survivin Monoclonal Antibody(Mix)

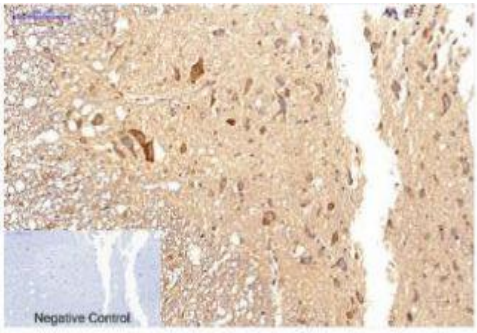
Catalog No.	IMB0142
Reactivity	Human;Rat
Applications	WB; IHC-p
Gene Name	BIRC5
Protein Name	Baculoviral IAP repeat-containing protein 5
Human Gene Id	332
Swiss-Prot	O15392
Formulation	PBS, pH 7.4, containing 0.5%BSA, 0.02% sodium azide as Preservative and 50% Glycerol.
Source	Monoclonal, Mouse
Dilution	WB: 1:1000-2000 IHC: 1:200-500
PurIF:ication	The antibody was affinity-purIF:ied from mouse ascites by affinity-chromatography using epitope-specIF:ic immunogen.
Concentration	-
Storage&Stability	-20°C/1 year
Background	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. [provided by RefSeq, Jun 2011],
Subcellular Location.	Cytoplasm. Nucleus. Chromosome. Chromosome, centromere. Cytoplasm, cytoskeleton, spindle. Chromosome, centromere, kinetochore. Midbod. Localizes at the centromeres from prophase to metaphase, at the spindle midzone during anaphase and a the midbody during telophase and cytokinesis. Accumulates in the nucleus upon treatment with leptomycin B (LMB), a XPO1/CRM1 nuclear export inhibitor (By similarity). Localizes on chromosome arms and inner centromeres from prophase through metaphase. Localizes to kinetochores in metaphase, distributes to the midzone microtubules in anaphase and at telophase, localizes exclusively to the midbody (PubMed:11084331). Colocalizes with AURKB at mitotic chromosomes (PubMed:14610074). Acetylation at Lys-129 directs its localization to the nucleus by enhancing homodimerization and thereby inhibiting XPO1/CRM1-mediated nuclear export (PubMed:20826784).
BiowMW	-

Products Images:

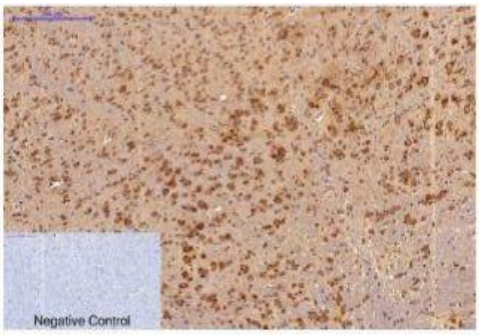
PRODUCT DATA SHEET



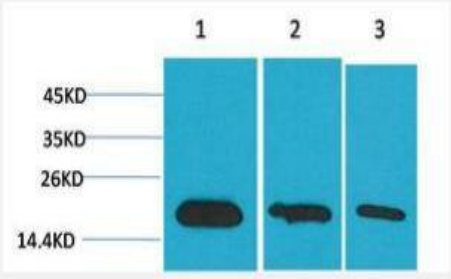
Immunohistochemical analysis of paraffin-embedded Human-Tonsil tissue. 1,Survivin Monoclonal Antibody(Mix) was diluted at 1:200(4°C,overnight). 2, Sodium citrate pH 6.0 was used for antibody retrieval(>98°C,20min). 3,Secondary antibody was diluted at 1:200(room tempeRature, 30min). Negative control was used by secondary antibody only.



Immunohistochemical analysis of paraffin-embedded Rat-spinal-cord tissue. 1,Survivin Monoclonal Antibody(Mix) was diluted at 1:200(4°C,overnight). 2, Sodium citrate pH 6.0 was used for antibody retrieval(>98°C,20min). 3,Secondary antibody was diluted at 1:200(room tempeRature, 30min). Negative control was used by secondary antibody only.



Immunohistochemical analysis of paraffin-embedded Mouse-brain tissue. 1,Survivin Monoclonal Antibody(Mix) was diluted at 1:200(4°C,overnight). 2, Sodium citrate pH 6.0 was used for antibody retrieval(>98°C,20min). 3,Secondary antibody was diluted at 1:200(room tempeRature, 30min). Negative control was used by secondary antibody only.



Western blot analysis of 1) Hela, 2) 293, 3) PC12 using Survivin Monoclonal Antibody.

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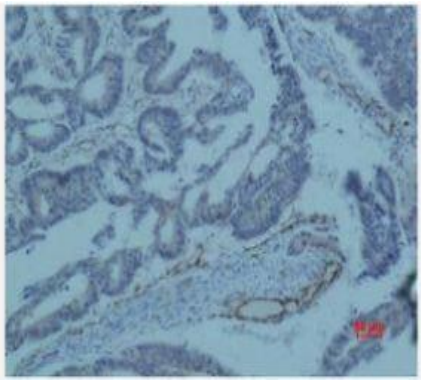
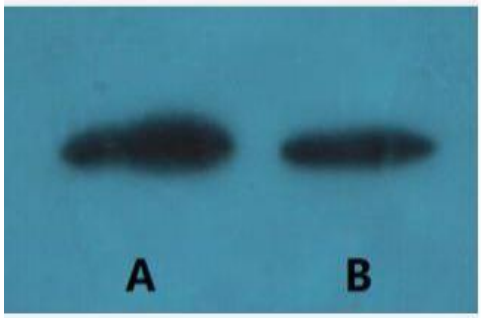
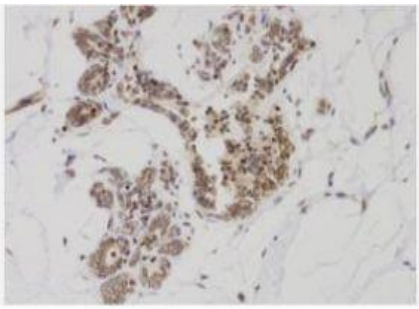


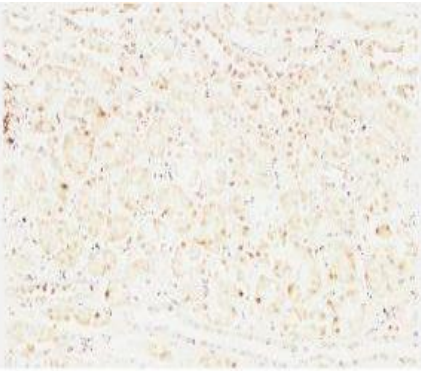
Immunohistochemical analysis of paraffin-embedded human colon caricnoma using Survivin Monoclonal Antibody.



Western blot detection of Survivin in human breast cancer cell line MCF-7(A) and Cal51 (B) using Survivin mouse mAb (YM3419, 1:1000 diluted).Predicted band size: 16kDa.Observed band size:16kDa. Picture was kindly provided by our customer from Tianjin Medical University Cancer Institute and Hospital



Immunohistochemical analysis of paraffin-embedded Human breast cancer. 1, Using Survivin Mouse mAb (YM3419) diluted at 1:200 (4° overnight). 2, High-pressure and temperature Citric acid, pH6.0 was used for antigen retrieval. 3,Secondary antibody was diluted at 1:200(room temperature, 50min). Picture was kindly provided by our customer from Tianjin Medical University Cancer Institute and Hospital



Immunohistochemical analysis of paraffin-embedded Human kidney. 1, Antibody was diluted at 1:200(4° overnight). 2, High-pressure and temperature EDTA, pH8.0 was used for antigen retrieval. 3,Secondary antibody was diluted at 1:200(room temperature, 30min).

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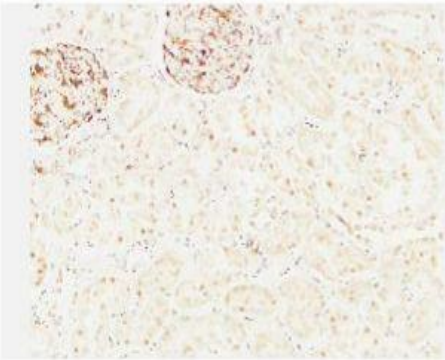
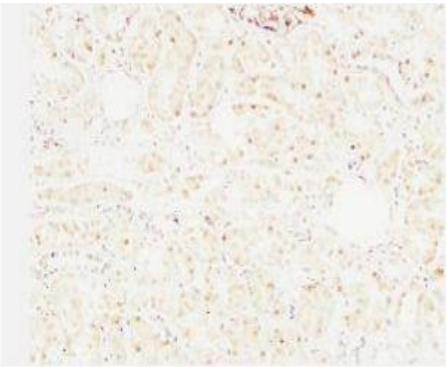


Immunohistochemical analysis of paraffin-embedded Human kidney. 1, Antibody was diluted at 1:200(4° overnight). 2, High-pressure and temperature EDTA, pH8.0 was used for antigen retrieval. 3,Secondary antibody was diluted at 1:200(room temperature, 30min).



Immunohistochemical analysis of paraffin-embedded Human kidney. 1, Antibody was diluted at 1:200(4° overnight). 2, High-pressure and temperature EDTA, pH8.0 was used for antigen retrieval. 3,Secondary antibody was diluted at 1:200(room temperature, 30min).