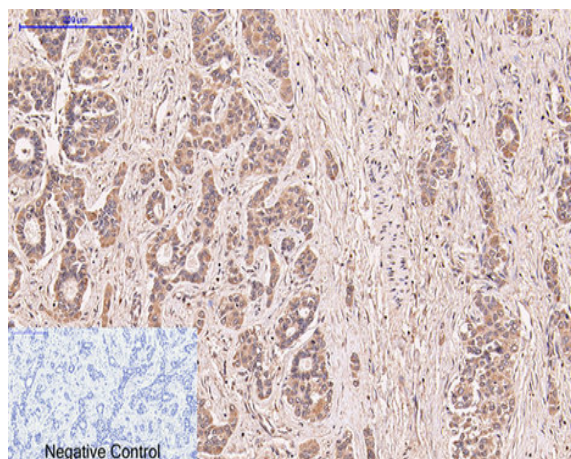


## CD5 Monoclonal Antibody(10G8)

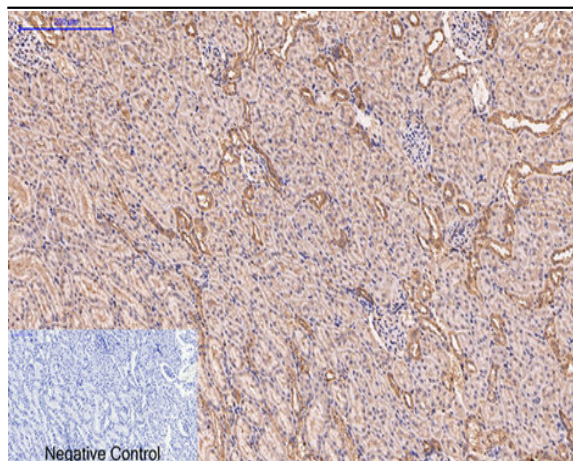
<b>Catalog No :</b>	YM3071
<b>Reactivity :</b>	Human;Mouse;Rat
<b>Applications :</b>	IHC;IF
<b>Target :</b>	CD5
<b>Fields :</b>	>>Hematopoietic cell lineage
<b>Gene Name :</b>	CD5
<b>Protein Name :</b>	T-cell surface glycoprotein CD5
<b>Human Gene Id :</b>	921
<b>Human Swiss Prot No :</b>	P06127
<b>Mouse Gene Id :</b>	12507
<b>Mouse Swiss Prot No :</b>	P13379
<b>Rat Gene Id :</b>	54236
<b>Rat Swiss Prot No :</b>	P51882
<b>Immunogen :</b>	Synthetic Peptide of CD5
<b>Specificity :</b>	The antibody detects endogenous CD5 proteins.
<b>Formulation :</b>	PBS, pH 7.4, containing 0.5%BSA, 0.02% sodium azide as Preservative and 50% Glycerol.
<b>Source :</b>	Monoclonal, Mouse
<b>Dilution :</b>	IHC 1:50-200. IF 1:50-200

<b>Purification :</b>	The antibody was affinity-purified from mouse ascites by affinity-chromatography using specific immunogen.
<b>Storage Stability :</b>	-15°C to -25°C/1 year(Do not lower than -25°C)
<b>Molecularweight :</b>	55kD
<b>Cell Pathway :</b>	Hematopoietic cell lineage;
<b>Background :</b>	function:May act as a receptor in regulating T-cell proliferation. CD5 interacts with CD72/LYB-2.,similarity:Contains 3 SRCR domains.,
<b>Function :</b>	function:May act as a receptor in regulating T-cell proliferation. CD5 interacts with CD72/LYB-2.,similarity:Contains 3 SRCR domains.,
<b>Subcellular Location :</b>	Cell membrane; Single-pass type I membrane protein.
<b>Expression :</b>	Lymphocyte,Pancreas,Tonsil,

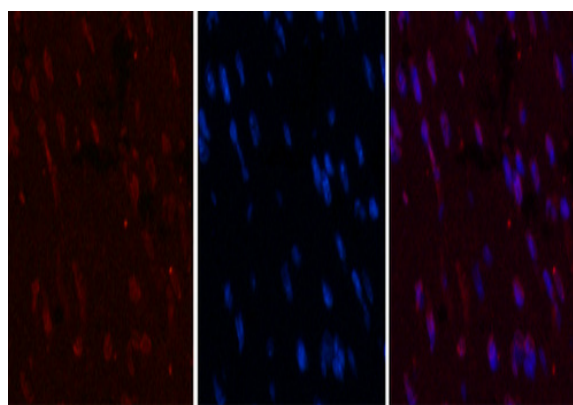
## Products Images



Immunohistochemical analysis of paraffin-embedded Human-liver-cancer tissue. 1,CD5 Monoclonal Antibody(10G8) 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-kidney tissue. 1, CD5 Monoclonal Antibody (10G8) was diluted at 1:200 (4 °C, overnight). 2, Sodium citrate pH 6.0 was used for antibody retrieval (>98 °C, 20 min). 3, Secondary antibody was diluted at 1:200 (room temperature, 30 min). Negative control was used by secondary antibody only.



Immunofluorescence analysis of Mouse-heart tissue. 1, CD5 Monoclonal Antibody (10G8) (red) was diluted at 1:200 (4 °C, overnight). 2, Cy3 labeled Secondary antibody was diluted at 1:300 (room temperature, 50 min). 3, Picture B: DAPI (blue) 10 min. Picture A: Target. Picture B: DAPI. Picture C: merge of A+B

A

B

C