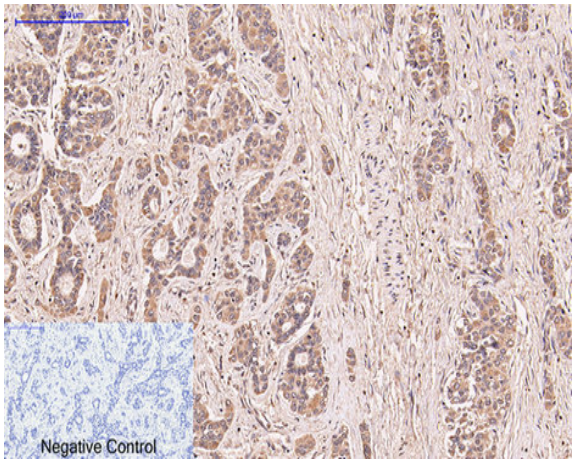
Best Tools for immunology Research

CD5 Monoclonal Antibody(10G8)

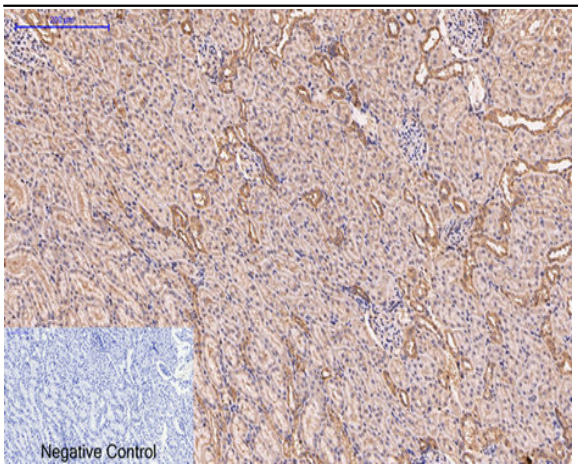
Catalog No :	YM3071
Reactivity :	Human;Mouse;Rat
Applications :	IHC;IF
Target :	CD5
Fields :	>>Hematopoietic cell lineage
Gene Name :	CD5
Protein Name :	T-cell surface glycoprotein CD5
Human Gene Id :	921
Human Swiss Prot No :	P06127
Mouse Gene Id :	12507
Mouse Swiss Prot No :	P13379
Rat Gene Id :	54236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

Purification :	The antibody was affinity-purified from mouse ascites by affinity-chromatography using specific immunogen.
Storage Stability :	-15°C to -25°C/1 year(Do not lower than -25°C)
Molecularweight :	55kD
Cell Pathway :	Hematopoietic cell lineage;
Background :	function:May act as a receptor in regulating T-cell proliferation. CD5 interacts with CD72/LYB-2.,similarity:Contains 3 SRCR domains.,
Function :	function:May act as a receptor in regulating T-cell proliferation. CD5 interacts with CD72/LYB-2.,similarity:Contains 3 SRCR domains.,
Subcellular Location :	Cell membrane; Single-pass type I membrane protein.
Expression :	Lymphocyte,Pancreas,Tonsil,
Sort :	72
No4 :	1
Host :	Mouse
Modifications :	Unmodified

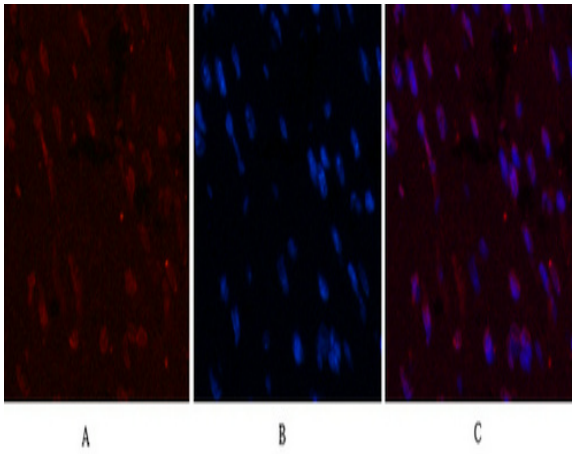
Products Images



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,20min). 3,Secondary antibody was diluted at 1:200(room tempeRature, 30min). 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 labled Secondary antibody was diluted at 1:300(room temperature, 50min).3, Picture B: DAPI(blue) 10min. Picture A:Target. Picture B: DAPI. Picture C: merge of A+B