HSC70 Antibody / HSPA8 (R31940)

| Catalog No.	Formulation	Size
R31940	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

|	
Availability	1-3 business days
Species Reactivity	Human, Mouse, Rat
Format	Antigen affinity purified
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Antigen affinity
Buffer	Lyophilized from 1X PBS with 2.5% BSA and 0.025% sodium azide
UniProt	P11142
Applications	Western Blot : 0.1-0.5ug/ml
	Immunohistochemistry (FFPE) : 0.5-1ug/ml
	Immunofluorescence (FFPE) : 2-4ug/ml
	Flow Cytometry : 1-3ug/million cells
	Immunoprecipitation : 2ug per 500ug of lysate
Limitations	This HSC70 antibody is available for research use only.
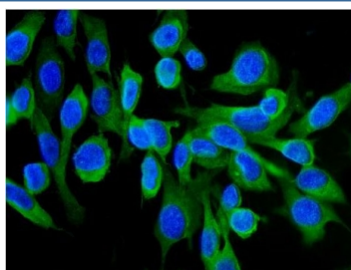
Immunofluorescent staining of FFPE human U-2 OS cells with HSC70 antibody (green) and DAPI nuclear stain (blue). HIER: steam section in pH6 citrate buffer for 20 min.
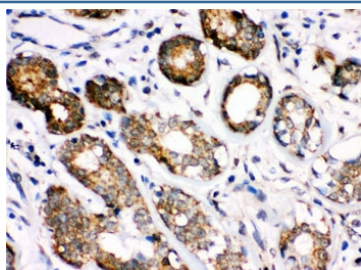

IHC testing of FFPE human breast cancer tissue with HSC70 antibody. HIER: Boil the paraffin sections in pH 6, 10mM citrate buffer for 20 minutes and allow to cool prior to staining.
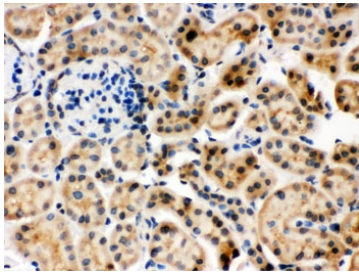
IHC testing of FFPE mouse kidney with HSC70 antibody. HIER: Boil the paraffin sections in pH 6, 10mM citrate buffer for 20 minutes and allow to cool prior to staining.
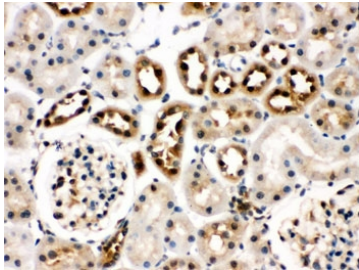

IHC testing of FFPE rat kidney with HSC70 antibody. HIER: Boil the paraffin sections in pH 6, 10mM citrate buffer for 20 minutes and allow to cool prior to staining.
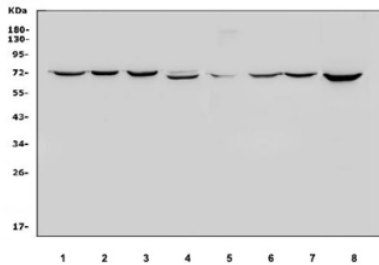
Western blot testing of 1) human HeLa, 2) human HepG2, 3) human Caco-2, 4) human A549, 5) human ThP-1, 6) human K562, 7) human PC-3 and 8) human U-87 MG cell lysate with HSC70 antibody. Predicted molecular weight ~71 kDa, routinely observed at 70-73 kDa.
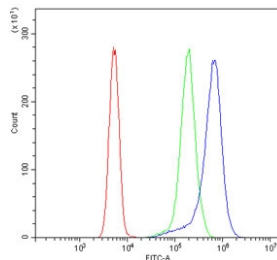
Flow cytometry testing of fixed human K562 cells with HSC70 antibody at 1ug/million cells (blocked with goat sera); Red=cells alone, Green=isotype control, Blue= HSC70 antibody.
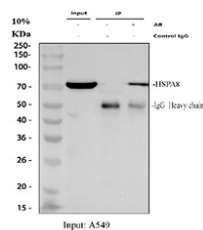
Immunoprecipitation of HSC70 protein from 500ug of human A549 whole cell lysate with 2ug of HSC70 antibody.