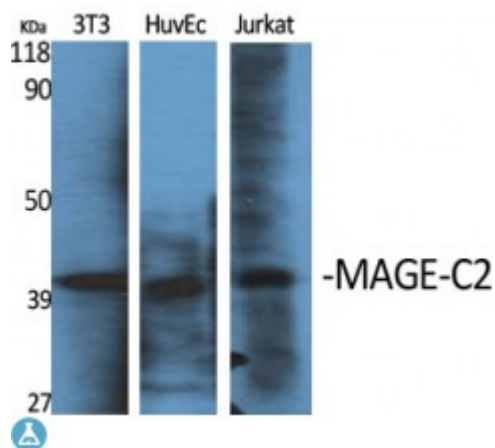


Anti-MAGE-C2 antibody



Description	Rabbit polyclonal to MAGE-C2.
Model	STJ93991
Host	Rabbit
Reactivity	Human
Applications	ELISA, WB
Immunogen	Synthesized peptide derived from human MAGE-C2
Immunogen Region	160-240 aa, Internal
Gene ID	51438
Gene Symbol	MAGEC2
Dilution range	WB 1:500-1:2000ELISA 1:5000
Specificity	MAGE-C2 Polyclonal Antibody detects endogenous levels of MAGE-C2 protein.
Tissue Specificity	Not expressed in normal tissues, except in germ cells in the seminiferous tubules and in Purkinje cells of the cerebellum. Expressed in various tumors, including melanoma, lymphoma, as well as pancreatic cancer, mammary gland cancer, non-small cell lung cancer and liver cancer. In hepatocellular carcinoma, there is a inverse correlation between tumor differentiation and protein expression, i.e. the lower the differentiation, the higher percentage of expression.
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.

Note	For Research Use Only (RUO).
Protein Name	Melanoma-associated antigen C2 Cancer/testis antigen 10 CT10 Hepatocellular carcinoma-associated antigen 587 MAGE-C2 antigen MAGE-E1 antigen
Molecular Weight	41 kDa
Clonality	Polyclonal
Conjugation	Unconjugated
Isotype	IgG
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Concentration	1 mg/ml
Storage Instruction	Store at -20°C, and avoid repeat freeze-thaw cycles.
Database Links	HGNC:13574 OMIM:300468
Alternative Names	Melanoma-associated antigen C2 Cancer/testis antigen 10 CT10 Hepatocellular carcinoma-associated antigen 587 MAGE-C2 antigen MAGE-E1 antigen
Function	Proposed to enhance ubiquitin ligase activity of RING-type zinc finger-containing E3 ubiquitin-protein ligases. In vitro enhances ubiquitin ligase activity of TRIM28 and stimulates p53/TP53 ubiquitination in presence of Ubl-conjugating enzyme UBE2H leading to p53/TP53 degradation. Proposed to act through recruitment and/or stabilization of the Ubl-conjugating enzymes (E2) at the E3:substrate complex.
Cellular Localization	Cytoplasm Nucleus. Nuclear in germ cells. Cytoplasmic in well-differentiated hepatocellular carcinoma, nuclear in moderately- and poorly-differentiated hepatocellular carcinoma.