

Anti-IGFBP7 antibody (50-150) [S7MR] (STJ11102117)

GENERAL INFORMATION

Product Type	Primary antibodies
Applications	WB/IF/ICC/ELISA
Host / Source	Rabbit
Reactivity	Human/Mouse/Rat

PRODUCT PROPERTIES

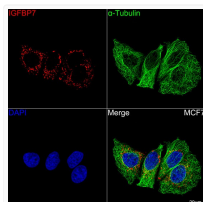
Clonality	Monoclonal
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution Range	WB:1:1000-1:2000 IF/CC:1:100-1:400 ELISA:Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.
Formulation	PBS with 0.02% Sodium Azide, 0.05% BSA, 50% Glycerol, pH 7.3.
Isotype	IgG
Molecular Weight	Protein Mw: 29kDa Observed Mw: 32kDa
Storage Instruction	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

TARGET INFORMATION

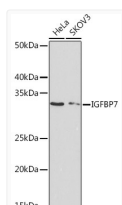
Gene ID	3490
Gene Symbol	IGFBP7
UniProt ID	IBP7_HUMAN
Immunogen Region	50-150
Immunogen Sequence	LGETRDACGCCPMARGECEGEGE PCGGGGAGRGYCAPGMECVK SRKRRKGKAGAAAGGPGVSG VCVCKSRYPVCGSDGTTYPG GCQLRAASQRAESRGEKAIT Q
Specificity	A synthetic peptide corresponding to a sequence within amino acids 50-150 of human IGFBP7 (Q16270).

ADDITIONAL INFORMATION

Note STRICTLY FOR FURTHER SCIENTIFIC RESEARCH USE ONLY (RUO). MUST NOT TO BE USED IN DIAGNOSTIC OR THERAPEUTIC APPLICATIONS.



Confocal imaging of MCF7 cells using IGFBP7 Rabbit monoclonal antibody (STJ11102117, at dilution of 1:100) (Red). The cells were counterstained with Alpha-Tubulin Mouse monoclonal antibody (dilution 1:400) (Green). DAPI was used for nuclear staining (blue). Objective: 100x.



Western blot analysis of extracts of various cell lines, using IGFBP7 Rabbit monoclonal antibody (STJ11102117) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (STJS000856) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 90s.