

Anti-ZAK antibody (1-330) (STJ29508)

GENERAL INFORMATION

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

PRODUCT PROPERTIES

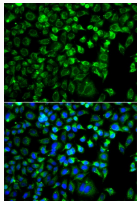
Clonality	Polyclonal
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution Range	WB:1:500-1:2000 IHC-P:1:50-1:200 IF/ICC:1:20-1:50 ELISA:Recommended starting concentration is 1 Mu g/mL. Please optimize the concentration based on your specific assay requirements.
Formulation	PBS with 0.02% Sodium Azide, 50% Glycerol, pH 7.3.
Isotype	IgG
Molecular Weight	Protein Mw: 35kDa/51kDa/91kDa Observed Mw: 55kDa/91kDa/100kDa
Storage Instruction	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

TARGET INFORMATION

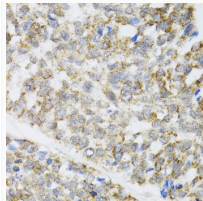
Gene ID	51776
Gene Symbol	MAP3K20
UniProt ID	M3K20_HUMAN
Immunogen Region	1-330
Immunogen Sequence	MSSLGASVFQIKFDDLQFFE NCGGGSFGSVYRAKWISQDK EVAVKLLKIEKEAELSVL SHRNIIQFYGVILEPPNYGI VTEYASLGSLYDYINSNRSE EMDMDHIMTWATDVAKGMHY LHMEAPVKVIHRDLKSRNVV IAADGVLKICDFGASRFHNNH TTHMSLVGTFPWWMAPEVIQS LPVSETCDTYSYGVVLWEML TREVPFKGLEGLQVAVLWVE KNERLTIPSSCPRSFAELL
Specificity	Recombinant fusion protein containing a sequence corresponding to amino acids 1-330 of human ZAK (NP_598407.1).

ADDITIONAL INFORMATION

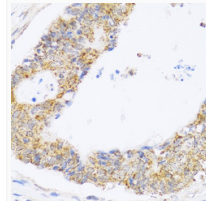
Note STRICTLY FOR FURTHER SCIENTIFIC RESEARCH USE ONLY (RUO). MUST NOT TO BE USED IN DIAGNOSTIC OR THERAPEUTIC APPLICATIONS.



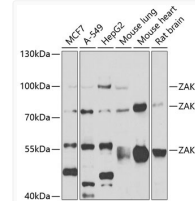
Immunofluorescence analysis of A549 cells using ZAK antibody (STJ29508). Blue: DAPI for nuclear staining.



Immunohistochemistry analysis of paraffin-embedded human esophageal cancer using ZAK antibody (STJ29508) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7. 2 before commencing with immunohistochemistry staining protocol.



Immunohistochemistry analysis of paraffin-embedded human colon carcinoma using ZAK antibody (STJ29508) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7. 2 before commencing with immunohistochemistry staining protocol.



Western blot analysis of extracts of various cell lines, using ZAK antibody (STJ29508) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (STJS000856) at 1:10000 dilution. Lysates/proteins: 25 Mu g per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 90s.