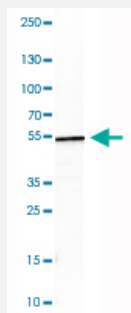


ST13 monoclonal antibody, clone CL3708

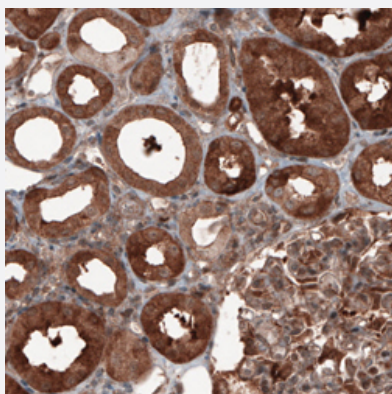
Catalog # MAB15816 Size 100 uL

Applications



Western Blot (Cell lysate)

Western Blot analysis of RT-4 cell lysate with ST13 monoclonal antibody, clone CL3708 (Cat # MAB15816).



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining (Formalin-fixed paraffin-embedded sections) of human kidney with ST13 monoclonal antibody, clone CL3708 (Cat # MAB15816) shows cytoplasmic positivity in renal tubules and glomerulus cells.

Specification

Product Description	Mouse monoclonal antibody raised against partial recombinant human ST13.
Immunogen	Recombinant protein corresponding to human ST13.
Epitope	This antibody binds to an epitope located within the peptide sequence EITEEMMDQANDKKV as determined by overlapping synthetic peptides.
Sequence	EITEEMMDQANDKKVAAIEALNDGELQKAIDLFTDAIKLNPRILAIYAKRASVFVKLQKPNAAIRDC DRA
Host	Mouse

Reactivity	Human
Form	Liquid
Purification	Protein A purification
Isotype	IgG1
Recommend Usage	Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) (1:10000-1:20000) Western Blot (1:500-1:1000) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH 7.2 (40% glycerol, 0.02% sodium azide).
Storage Instruction	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot (Cell lysate)

Western Blot analysis of RT-4 cell lysate with ST13 monoclonal antibody, clone CL3708 (Cat # MAB15816).

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Gene Info — ST13

Entrez GeneID	6767
Protein Accession#	P50502
Gene Name	ST13
Gene Alias	AAG2, FAM10A1, FAM10A4, FLJ27260, HIP, HOP, HSPABP, HSPABP1, MGC129952, P48, PRO0786, SNC6
Gene Description	suppression of tumorigenicity 13 (colon carcinoma) (Hsp70 interacting protein)
Omim ID	606796
Gene Ontology	Hyperlink

Gene Summary

The protein encoded by this gene is an adaptor protein that mediates the association of the heat shock proteins HSP70 and HSP90. This protein has been shown to be involved in the assembly process of glucocorticoid receptor, which requires the assistance of multiple molecular chaperones. The expression of this gene is reported to be downregulated in colorectal carcinoma tissue suggesting that is a candidate tumor suppressor gene. [provided by RefSeq]

Other Designations

Hsp70-interacting protein|OTTHUMP00000028873|aging-associated protein 2|heat shock 70kD protein binding protein|progesterone receptor-associated p48 protein|putative tumor suppressor ST13