

IHCeasy[®] S100A8 Ready-To-Use IHC Kit

Catalog Number: **KHC0536**

General Information

Sample type:
FFPE tissue
Cited sample type:
Reactivity:
Human
Cited Reactivity:

Assay type:
Immunohistochemistry
Primary antibody type:
Mouse Monoclonal
Secondary antibody type:
Polymer-HRP-Goat anti-Mouse

Kit Component

Component	Size	Concentration
Antigen Retrieval Buffer	100 mL	50×
Washing Buffer	100 mL ×2	20×
Blocking Buffer	5 mL	RTU
Primary Antibody	5 mL	RTU
Secondary Antibody	5 mL	RTU
Chromogen Component A	0.2 mL	RTU
Chromogen Component B	4 mL	RTU
Signal Enhancer	5 mL	RTU
Counter Staining Reagent	5 mL	RTU
Mounting Media	5 mL	RTU
Control Slide	1 slide (Optional)	FFPE
Datasheet	1 Copy	
Manual	1 Copy	

Storage Instructions

All the reagents are stored at 2-8°C. The kit is stable for 6 months from the date of receipt.

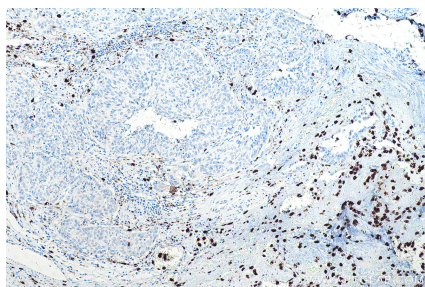
Background

S100A8 is a member of the S100 family of proteins containing 2 EF-hand calcium-binding motifs. S100 proteins are localized in the cytoplasm and/or nucleus of a wide range of cells, and involved in the regulation of a number of cellular processes such as cell cycle progression and differentiation. S100 genes include at least 13 members which are located as a cluster on chromosome 1q21. This protein may function in the inhibition of casein kinase and as a cytokine.

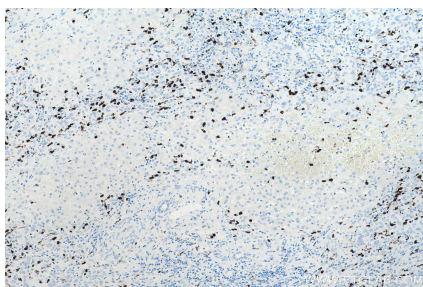
Synonyms

60B8AG, CAGA, Calgranulin A, Calprotectin L1L subunit, CFAG, CGLA, CP 10, Cystic fibrosis antigen, L1Ag, MA387, MIF, MRP 8, MRP8, NIF, P8, Protein S100 A8, S100A8, Urinary stone protein band A

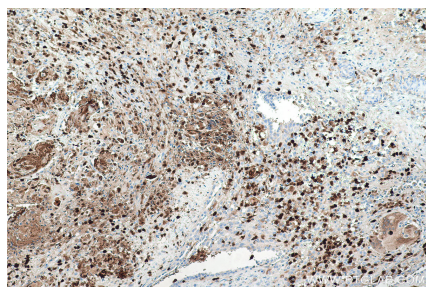
Selected Validation Data



Immunohistochemical analysis of paraffin-embedded human cervical cancer tissue slide using KHC0536 (S100A8 IHC Kit).



Immunohistochemical analysis of paraffin-embedded human liver cancer tissue slide using KHC0536 (S100A8 IHC Kit).



Immunohistochemical analysis of paraffin-embedded human ovary tumor tissue slide using KHC0536 (S100A8 IHC Kit).