

IHCeasy[®] STAT1 Ready-To-Use IHC Kit

Catalog Number: **KHC1036**

General Information

Sample type:
FFPE tissue
Cited sample type:
Reactivity:
Human, Mouse, Rat
Cited Reactivity:

Assay type:
Immunohistochemistry
Primary antibody type:
Rabbit Recombinant
Secondary antibody type:
Polymer-HRP-Goat anti-Rabbit

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.

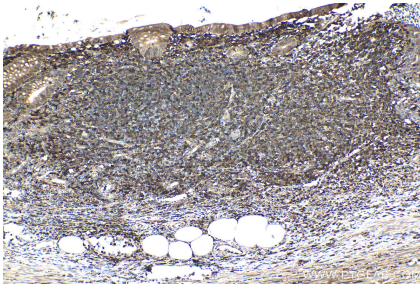
Background

STAT1 (signal transducers and activators of transcription 1) is a member of the STAT protein family. In response to cytokines and growth factors, STAT family members are phosphorylated by the receptor associated kinases, and then form homo- or heterodimers that translocate to the cell nucleus where they act as transcription activators. Various ligands, including interferons, EGF, PDGF and IL-6, can activate STAT1. STAT1 protein mediates the expression of a variety of genes, which is thought to be important for cell viability in response to different cell stimuli and pathogens.

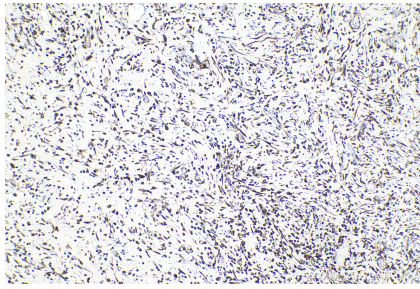
Synonyms

DKFZp686B04100, ISGF 3, STAT1, STAT91

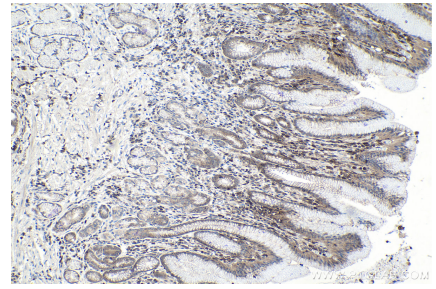
Selected Validation Data



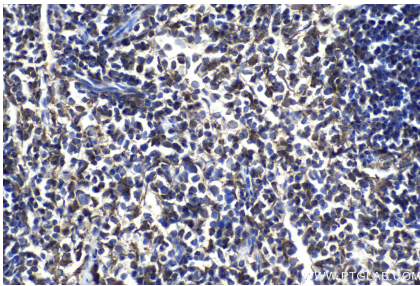
Immunohistochemical analysis of paraffin-embedded human appendicitis tissue slide using KHC1036 (STAT1 IHC Kit).



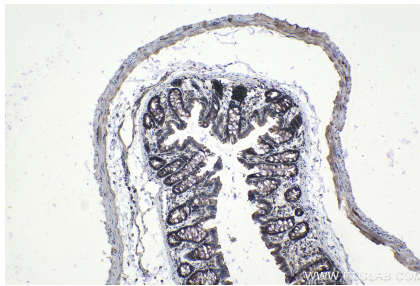
Immunohistochemical analysis of paraffin-embedded human colon cancer tissue slide using KHC1036 (STAT1 IHC Kit).



Immunohistochemical analysis of paraffin-embedded human stomach cancer tissue slide using KHC1036 (STAT1 IHC Kit).



Immunohistochemical analysis of paraffin-embedded mouse spleen tissue slide using KHC1036 (STAT1 IHC Kit).



Immunohistochemical analysis of paraffin-embedded rat colon tissue slide using KHC1036 (STAT1 IHC Kit).