

IHC 고민



날려 버리세요 !!

## Cell&Tissue Staining Kit

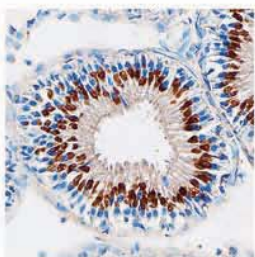
### ▶ 장 점

- ✓ Ready to Use
- ✓ Pre-diluted reagents로 handling 최소화
- ✓ Mouse, Rabbit, Rat, Goat, Sheep IgG 에 최적화
- ✓ High Sensitivity Streptavidin(HSS)로 high detection sensitivity
- ✓ Background를 최소화 한 Amplification 방식으로 IHC에 최적화

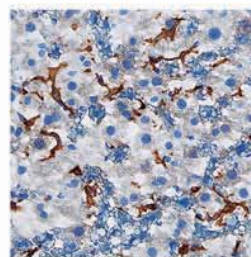
### ▶ Kit Components

<b>Blocking Reagents</b>	To minimize non-specific Peroxidase, Avidin, and Biotin signals
<b>Secondary Antibodies</b>	Biotinylated and pre-diluted to minimize hands-on time
<b>HSS-conjugated HRP</b>	Chemically optimized Streptavidin displays little or non-specific binding to phospholipids, nucleic acids, and carbohydrate binding proteins
<b>Chromogen</b>	Choose DAB (brown) or AEC (red)

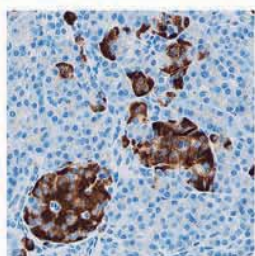
### ▶ Data Examples



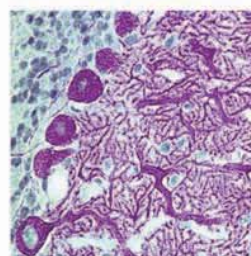
**GALNT10 in Mouse Testis.**  
Optimized using the Anti-Sheep  
HRP-DAB Cell & Tissue Staining Kit  
( #CTS019)



**VSIG4 in Mouse Liver.**  
Optimized using the Anti-Goat  
HRP-DAB Cell & Tissue Staining Kit  
( #CTS008)



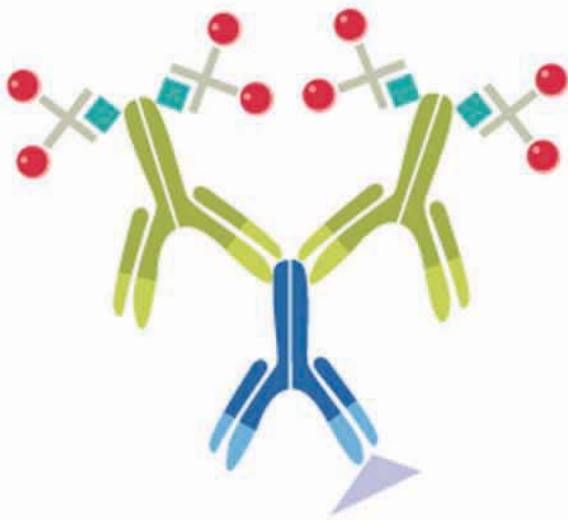
**IA-2/PTPRN in Human Pancreas.**  
Optimized using the Anti-Mouse  
HRP-DAB Cell & Tissue Staining Kit  
( #CTS002)



**NT-3 in Rat Brain.**  
Optimized using the Anti-Goat  
HRP-AEC Cell & Tissue Staining Kit  
( #CTS009)

## ▶ Kit Overview

### Amplification - LSAB Method



### Key

- HRP
- × High Sensitivity Streptavidin
- ◆ Biotin
- Y Secondary Antibody
- Y Primary Antibody
- ▲ Antigen

### < The LSAB Method of IHC Signal Amplification >

Labeled streptavidin-biotin (LSAB Method)를 이용한 Signal 증폭 방식  
 Bacteria 부터 purify한 glycosylated 되지 않은 Streptavidin을 이용  
 이 때문에 non-specific binding 최소화

## ▶ Order Information

### \* Cell & Tissue Staining Kits

Chromogen	Species	Cat. #
HRP-DAB (Brown)	Anti - goat	CTS008
	Anti - rabbit	CTS005
	Anti - mouse	CTS002
	Anti - rat	CTS017
	Anti - sheep	CTS019
Chromogen	Species	Cat. #
HRP-AEC (Red)	Anti - goat	CTS009
	Anti - rabbit	CTS006
	Anti - mouse	CTS003
	Anti - rat	CTS018
	Anti - sheep	CTS020

### \* Antigen Retrieval Reagents

Cat. #	Name	Description
CST013	Antigen Retrieval Reagent - Basic	pH 9.5
CST014	Antigen Retrieval Reagent - Acidic	pH 5.0
CST015	Antigen Retrieval Reagent - Universal	pH 7.0
CST016	Antigen Retrieval Reagent Sampler ( 50mL each)	

### \* Others

Cat. #	Name	Description
CST010	DAB Enhancer	Conc. 50X (3mL)
CST011	Mounting Medium	15mL