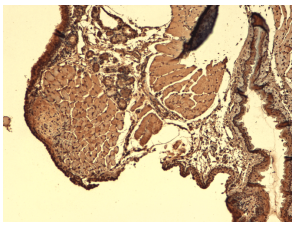
Anti-Sodium Iodide Symporter Antibody [FP5] (A305038)

Specifications:

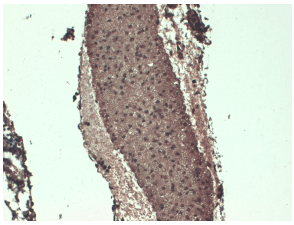
Name:	Anti-Sodium Iodide Symporter Antibody [FP5]
Description:	Mouse monoclonal [FP5] antibody to Sodium Iodide Symporter.
Specificity:	Other minor bands associated with hNIS at 160 kDa, and degradation products at ~30 kDa, and ~15 kDa.
Applications:	WB, IHC, ICC/IF, Antibody Microarray
Recommended Dilutions:	WB: 1:1,000, IHC: 1:1,000
Reactivity:	Human, Mouse, Rat
Immunogen:	Human mannose binding protein hNIS fusion (AA468-643).
Host:	Mouse
Clonality:	Monoclonal
Clone ID:	FP5
Isotype:	IgG1
Light Chains:	kappa
Conjugate:	Unconjugated
Purification:	Protein G purification.
Concentration:	1 mg/ml
Molecular Weight:	~97 kDa (non-glycosylated version at 68 kDa)
Product Form:	Liquid
Formulation:	Supplied in Phosphate Buffered Saline, pH 7.4, with 50% Glycerol and 0.09% Sodium Azide.
Storage:	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
Disclaimer:	This product is for research use only. It is not intended for diagnostic or therapeutic use.

Anti-Sodium Iodide Symporter Antibody [FP5] (A305038)

Images:



Immunohistochemistry analysis of mouse thyroid, fixed in 10% formalin solution for 12-24 hours at room temperature. The Primary Antibody used was Anti-Sodium Iodide Symporter Antibody [FP5] (A305038) at 1:1,000 for 1 hour at room temperature. The secondary antibody used was HRP/DAB Detection System: Biotinylated Goat Anti-Mouse, Streptavidin Peroxidase, DAB Chromogen (brown) for 30 minutes at room temperature. Counterstain: Mayer Hematoxylin (purple/blue) nuclear stain at 250-500 µl for 5 minutes at room temperature.



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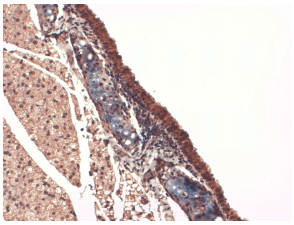
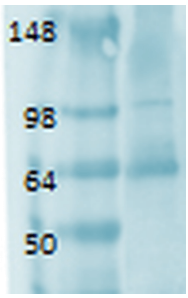


Immunohistochemistry analysis of mouse trachea, fixed in 10% formalin solution for 12-24 hours at room temperature. The Primary Antibody used was Anti-Sodium Iodide Symporter Antibody [FP5] (A305038) at 1:1,000 for 1 hour at room temperature. The secondary antibody used was HRP/DAB Detection System: Biotinylated Goat Anti-Mouse, Streptavidin Peroxidase, DAB Chromogen (brown) for 30 minutes at room temperature. Counterstain: Mayer Hematoxylin (purple/blue) nuclear stain at 250-500 µl for 5 minutes at room temperature.



Western blot analysis of human thyroid lysate showing detection of Sodium Iodide Symporter protein using Anti-Sodium Iodide Symporter Antibody [FP5] (A305038) at 1:1,000.