

MPO Antibody

Catalog No: #35820

Orders: order@signalwayantibody.comSupport: tech@signalwayantibody.com

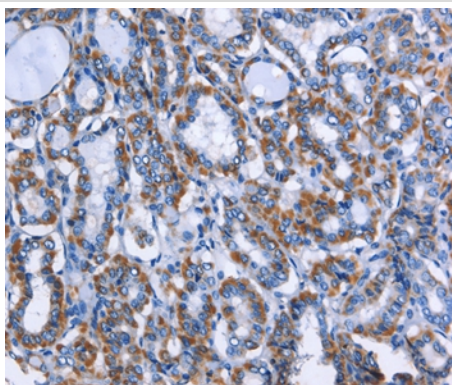
Description

Product Name	MPO Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antigen affinity purification.
Applications	IHC
Species Reactivity	Hu
Specificity	The antibody detects endogenous levels of total MPO protein.
Immunogen Type	Recombinant Protein
Immunogen Description	Fusion protein corresponding to residues near the C terminal of human myeloperoxidase
Target Name	MPO
Other Names	MPO;Myeloperoxidase;PERM
Accession No.	Swiss-Prot#: P05164NCBI Gene ID: 4353Gene Accssion: BC130476
Uniprot	P05164
GeneID	4353;
Concentration	2.2mg/ml
Formulation	Rabbit IgG in pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol.
Storage	Store at -20°C

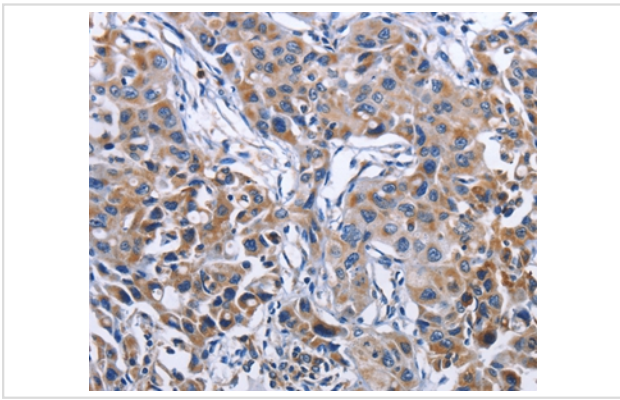
Application Details

Immunohistochemistry: 1:50-1:200

Images



Immunohistochemical analysis of paraffin-embedded Human thyroid cancer tissue using #35820 at dilution 1/50.



Immunohistochemical analysis of paraffin-embedded Human lung cancer tissue using #35820 at dilution 1/50.

Background

Myeloperoxidase (MPO) is a heme protein synthesized during myeloid differentiation that constitutes the major component of neutrophil azurophilic granules. Produced as a single chain precursor, myeloperoxidase is subsequently cleaved into a light and heavy chain. The mature myeloperoxidase is a tetramer composed of 2 light chains and 2 heavy chains. This enzyme produces hypohalous acids central to the microbicidal activity of neutrophils.

Note: This product is for in vitro research use only