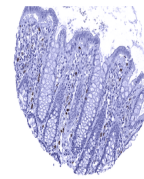

Product Datasheet

Myeloperoxidase / MPO antibody (orb2276277)

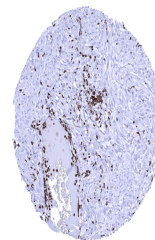
Description

Myeloperoxidase / MPO antibody validated for

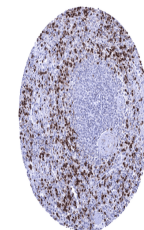
Species/Host	Mouse
Reactivity	Human
Conjugation	Unconjugated
Tested Applications	IHC
Immunogen	Recombinant fragment of human MPO protein (exact sequence is proprietary)
Storage	Antibody with azide – store at 2 to 8°C. Antibody without azide – store at -20 to -80°C. Antibody is stable for 24 months. Non- hazardous. No MSD required.
Note	For research use only
Application notes	<p>Positive Control: Spleen: Numerous granulocytes with strong MPO staining should be seen within the red pulp of the spleen. Negative Control: Colon: MPO immunostaining should be absent in all epithelial cells of the colon while MPO positive granulocytes may be seen within capillaries or in the stroma of the lamina propria. Cellular Localization: Lysozome Protocol Recommendations: Manual Protocol: Freshly cut sections should be used (less than 10 days between cutting and staining). Heat-induced antigen retrieval for 5 minutes in an autoclave at 121°C in pH 7,8 Target Retrieval Solution buffer. Apply the antibody at a dilution of 1:150 at 37°C for 60 minutes. Visualization of bound antibody by the EnVision Kit (Dako, Agilent) according to the manufacturer's directions.</p>
Isotype	IgG2a, kappa
Clonality	Monoclonal
Uniprot ID	P05164
Dilution Range	1:100-1:200
Expiration Date	12 months from date of receipt.



Colon descends mucosa In the normal col...



Numerous MPO positive intravascular and ...



Spleen Numerous MPO positive granulocyte...