

Mouse anti-Human Ferroportin (FPN) Monoclonal Antibody | anti-FPN antibody

Monoclonal Antibody to Ferroportin (FPN)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA21052	Mouse	Human	Western Blot, Immunohistochemistry, Immunocytochemistry, Immunoprecipitation

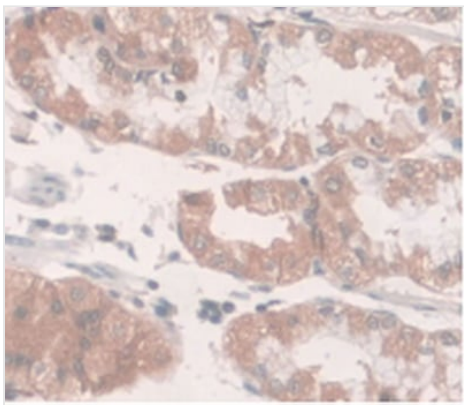
PRODUCT SYNONYMS

Ferroportin (FPN); Monoclonal Antibody; Monoclonal Antibody to Ferroportin (FPN); SLC40A1; FPN1; HFE4; IREG1; MTP1; SLC11A3; Solute Carrier Family 40; Member 1; Iron-Regulated Transporter; anti-FPN antibody

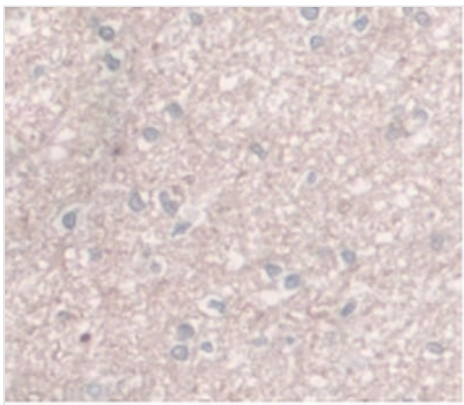
PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG2b Kappa
Clone Number	C2
Purity/Purification	Protein A + Protein G affinity chromatography
Form/Format	Supplied as solution form in 0.01M PBS, pH7.4, containing 0.05% Proclin-300, 50% glycerol.
Concentration	1mg/ml (varies by lot)
Applicable Applications for anti-FPN antibody	WB (Western Blot), IHC (Immunohistochemistry), ICC (Immunocytochemistry), IP (Immunoprecipitation)
Application Notes	Western blotting: 0.5-3ug/mL Immunohistochemistry: 5-30ug/mL Immunocytochemistry: 5-30ug/mL Optimal working dilutions must be determined by end user.
Source	Monoclonal antibody preparation
Traits	Liquid
Cross Reactivity	Mouse; Pig
Immunogen	Recombinant FPN (Trp127-Val321) expressed in E.coli
Preparation and Storage	Storage: Avoid repeated freeze/thaw cycles. Store at 4 degree C for frequent use. Aliquot and store at -20 degree C for 24 months. Stability Test: thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 degree C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

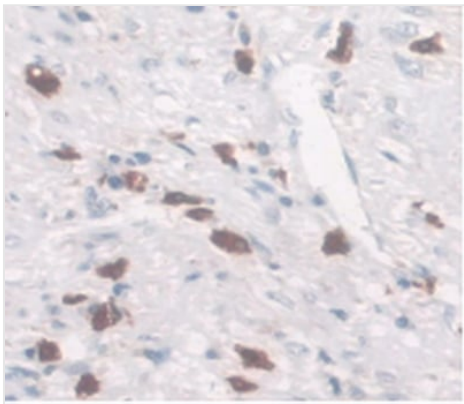
IMAGES



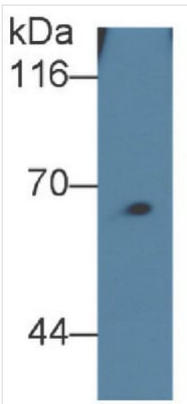
IHC (Immunohistochemistry)
DAB staining on IHC-P Samples: Human Stomach Tissue



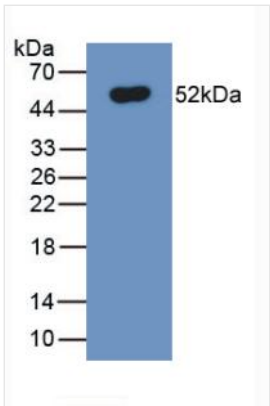
IHC (Immunohistochemistry)
DAB staining on IHC-P; Samples: Human Brain Tissue



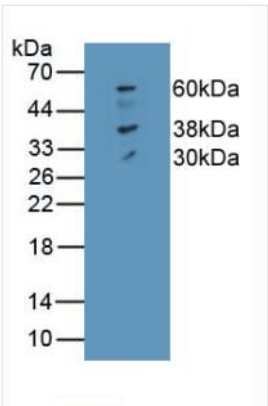
IHC (Immunohistochemistry)
DAB staining on IHC-P Samples: Human Rectum Cancer Tissue.



WB (Western Blot)
Western Blot; Sample: Mouse Skeletal muscle lysate
Primary Ab: 0.3ug/ml Mouse Anti-Human FPN Antibody
Second Ab: 0.2ug/mL HRP-Linked Caprine Anti-Mouse IgG Polyclonal Antibody



WB (Western Blot)
Western Blot; Sample: Recombinant FPN, Human.



WB (Western Blot)
Western Blot; Sample: Porcine Skeletal Muscle Tissue.

NCBI AND UNIPROT INFORMATION

NCBI GI #	7657100
NCBI GeneID	30061
NCBI Accession #	NP_055400.1
NCBI GenBank Nucleotide #	NM_014585.5
UniProt Accession #	Q9NP59; Q6FI62; Q7Z4F8; Q8IVB2; Q9NRL0

NCBI Official Full Name	solute carrier family 40 member 1
NCBI Official Synonym Full Names	solute carrier family 40 member 1
NCBI Official Symbol	SLC40A1
NCBI Official Synonym Symbols	FPN1; HFE4; MTP1; IREG1; MST079; MSTP079; SLC11A3
NCBI Protein Information	solute carrier family 40 member 1
UniProt Protein Name	Solute carrier family 40 member 1
UniProt Gene Name	SLC40A1
UniProt Synonym Gene Names	FPN1; IREG1; SLC11A3

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/ferroportin-fpn-antibody-clone-c2-western-blot-immunohistochemistry-immunocytochemistry-immunoprecipitation-elisa/21052>