



Mouse anti-Human ITIH2 monoclonal antibody, clone 50C20 (CABT-B10478)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Immunogen	Native purified human Inter-alpha-trypsininhibitor.
Isotype	IgG1
Source/Host	Mouse
Species Reactivity	Human
Clone	50C20
Purification	Ammonium sulfate precipitation
Conjugate	Unconjugated
Applications	WB, IHC
Format	Liquid
Buffer	In HEPES, 150 mM NaCl (50% glycerol, 0.01% BSA, 0.03% sodium azide)
Storage	Store at -20°C. Aliquot to avoid repeated freezing and thawing.

BACKGROUND

Introduction	The inter-alpha-trypsin inhibitors (ITI) are a family of structurally related plasma serine protease inhibitors involved in extracellular matrix stabilization and in prevention of tumor metastasis. The ITI family contains multiple proteins made up of a light chain (see MIM 176870) and a variable number of heavy chains (Salier et al., 1987 [PubMed 2446322]; Himmelfarb et al., 2004 [PubMed 14744536]).[supplied by OMIM, Nov 2009]
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Keywords ITIH2; inter-alpha-trypsin inhibitor heavy chain 2; H2P; SHAP; inter-alpha-trypsin inhibitor heavy chain H2; ITI-HC2; ITI heavy chain H2; inter-alpha (globulin) inhibitor H2; inter-alpha-inhibitor heavy chain 2; serum-derived hyaluronan-associated protein; inter-alpha (globulin) inhibitor, H2 polypeptide; inter-alpha-trypsin inhibitor complex component II;

GENE INFORMATION

Entrez Gene ID [3698](#)

UniProt ID [P19823](#)

Function endopeptidase inhibitor activity; serine-type endopeptidase inhibitor activity;
