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GBP1 Antibody (monoclonal) (M01)

Mouse monoclonal antibody raised against a full length recombinant GBP1.
Catalog # AT2168a

Product Information

Application	WB, IHC
Primary Accession	P32455
Other Accession	BC002666
Reactivity	Human
Host	mouse
Clonality	monoclonal
Isotype	IgG2a Kappa
Clone Names	4D10
Calculated MW	67931

Additional Information

Gene ID	2633
Other Names	Interferon-induced guanylate-binding protein 1, GTP-binding protein 1, GBP-1, HuGBP-1, Guanine nucleotide-binding protein 1, GBP1
Target/Specificity	GBP1 (AAH02666, 1 a.a. ~ 592 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Dilution	WB~~1:500~1000 IHC~~1:100~500
Format	Clear, colorless solution in phosphate buffered saline, pH 7.2 .
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
Precautions	GBP1 Antibody (monoclonal) (M01) is for research use only and not for use in diagnostic or therapeutic procedures.

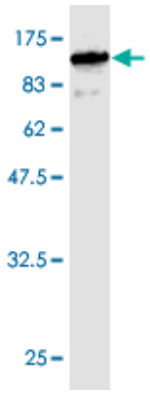
Background

Guanylate binding protein expression is induced by interferon. Guanylate binding proteins are characterized by their ability to specifically bind guanine nucleotides (GMP, GDP, and GTP) and are distinguished from the GTP-binding proteins by the presence of 2 binding motifs rather than 3.

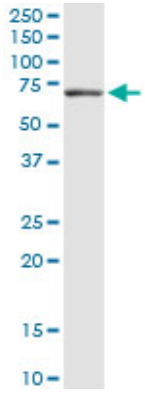
References

1.A signature of immune function genes associated with recurrence-free survival in breast cancer patients.Ascierto ML, Kmieciak M, Idowu MO, Manjili R, Zhao Y, Grimes M, Dumur C, Wang E, Ramakrishnan V, Wang XY, Bear HD, Marincola FM, Manjili MH.Breast Cancer Res Treat. 2011 Apr 11. [Epub ahead of print]

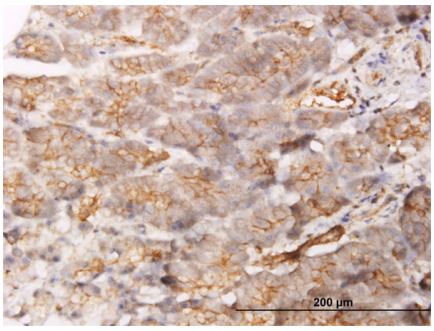
Images



Antibody Reactive Against Recombinant Protein.Western Blot detection against Immunogen (90.86 KDa) .



GBP1 monoclonal antibody (M01), clone 4D10. Western Blot analysis of GBP1 expression in human spleen.



Immunoperoxidase of monoclonal antibody to GBP1 on formalin-fixed paraffin-embedded human pancreas. [antibody concentration 1.5 ug/ml]

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.