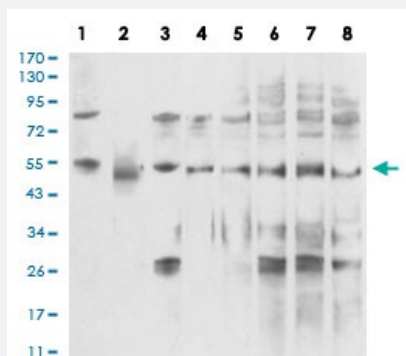


BAT1 monoclonal antibody, clone 3A2B2

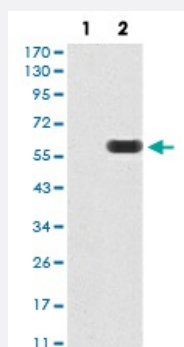
Catalog # MAB17134 Size 100 ug

Applications



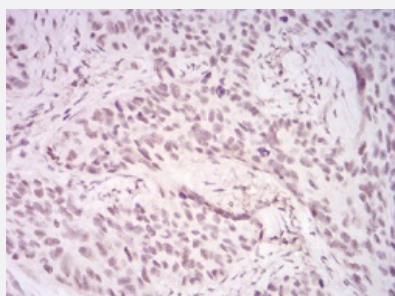
Western Blot (Cell lysate)

Western blot analysis of Lane 1: HEK293 cell; Lane 2: Jurkat cell; Lane 3: MCF-7 cell; Lane 4: A431 cell; Lane 5: NIH/3T3 cell; Lane 6: Jurkat cell; Lane 7: K562 cell; Lane 8: HepG2 cell with BAT1 monoclonal antibody.



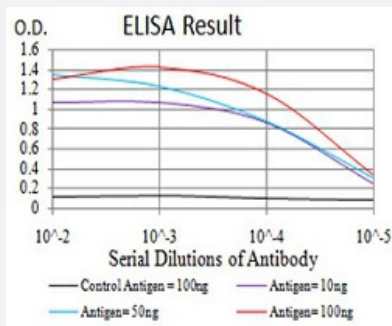
Western Blot (Transfected lysate)

Western Blot analysis of (1) HEK293 cells, (2) BAT1-hlgGfc transfected HEK293 cell lysate.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining of paraffin-embedded cervical cancer tissues with BAT1 monoclonal antibody.



Enzyme-linked Immunoabsorbent Assay

ELISA analysis of BAT1 monoclonal antibody, clone 3A2B2.

Specification

Product Description	Mouse monoclonal antibody raised against recombinant human BAT1.
Immunogen	Recombinant protein corresponding to amino acid 1-250 of human BAT1 from <i>E. coli</i> .
Host	Mouse
Theoretical MW (kDa)	49kDa
Reactivity	Human, Mouse
Form	Liquid
Isotype	IgG1
Recommend Usage	ELISA (1:10000) Western Blot (1:500-1:2000) Immunohistochemistry (1:200-1:1000) Immunocytochemistry Flow Cytometry The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS (0.05% sodium azide).
Storage Instruction	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot (Cell lysate)

Western blot analysis of Lane 1: HEK293 cell; Lane 2: Jurkat cell; Lane 3: MCF-7 cell; Lane 4: A431 cell; Lane 5: NIH/3T3 cell; Lane 6: Jurkat cell; Lane 7: K562 cell; Lane 8: HepG2 cell with BAT1 monoclonal antibody.

- Western Blot (Transfected lysate)

Western Blot analysis of (1) HEK293 cells, (2) BAT1-hlgGfc transfected HEK293 cell lysate.

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining of paraffin-embedded cervical cancer tissues with BAT1 monoclonal antibody.

- Enzyme-linked Immunoabsorbent Assay

ELISA analysis of BAT1 monoclonal antibody, clone 3A2B2.

Gene Info — BAT1

Entrez GeneID [7919](#)

Gene Name BAT1

Gene Alias D6S81E, DDX39B, UAP56

Gene Description HLA-B associated transcript 1

Omim ID [142560](#)

Gene Ontology [Hyperlink](#)

Gene Summary

This gene encodes a member of the DEAD box family of RNA-dependent ATPases that mediate ATP hydrolysis during pre-mRNA splicing. The encoded protein is an essential splicing factor required for association of U2 small nuclear ribonucleoprotein with pre-mRNA, and also plays an important role in mRNA export from the nucleus to the cytoplasm. A cluster of genes, BAT1-BAT5, is localized in the vicinity of the genes for TNF alpha and TNF beta. These genes are all within the human major histocompatibility complex class III region. Mutations in this gene may be associated with rheumatoid arthritis. Alternatively spliced transcript variants encoding the same protein have been described. [provided by RefSeq]

Other Designations

56 kDa U2AF65-associated protein|ATP-dependent RNA helicase p47|DEAD (Asp-Glu-Ala-Asp) box polypeptide 39B|DEAD-box protein UAP56|OTTHUMP00000029228|OTTHUMP00000029229|OTTHUMP00000035591|OTTHUMP00000035963|OTTHUMP00000035964|OTTHUMP00000035965|OTTHUMP0000

Disease

- [Acquired Immunodeficiency Syndrome](#)
- [Adenocarcinoma](#)
- [Alzheimer disease](#)
- [Arthritis](#)
- [Asthma](#)
- [Cardiomyopathy](#)
- [Cardiovascular Diseases](#)
- [Diabetes Mellitus](#)
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- [Disease Susceptibility](#)
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- [Genetic Predisposition to Disease](#)
- [HIV Infections](#)
- [HIV Seropositivity](#)
- [Lupus Erythematosus](#)
- [Malaria](#)
- [Myocardial Infarction](#)
- [Tobacco Use Disorder](#)