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ZNFN1A3 Antibody (monoclonal) (M02)

Mouse monoclonal antibody raised against a full length recombinant ZNFN1A3.
Catalog # AT4647a

Specification

ZNFN1A3 Antibody (monoclonal) (M02) - Product Information

Application	**IF, E**
Primary Accession	Q9UKT9
Other Accession	BC032707
Reactivity	**Human**
Host	**mouse**
Clonality	**Monoclonal**
Isotype	**IgG2b kappa**
Calculated MW	**58023**

ZNFN1A3 Antibody (monoclonal) (M02) - Additional Information

Gene ID 22806

Other Names
Zinc finger protein Aiolos, Ikaros family zinc finger protein 3, IKZF3, ZNFN1A3

Target/Specificity
ZNFN1A3 (AAH32707, 1 a.a. ~ 509 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

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
ZNFN1A3 Antibody (monoclonal) (M02) is for research use only and not for use in diagnostic or therapeutic procedures.

ZNFN1A3 Antibody (monoclonal) (M02) - Protocols

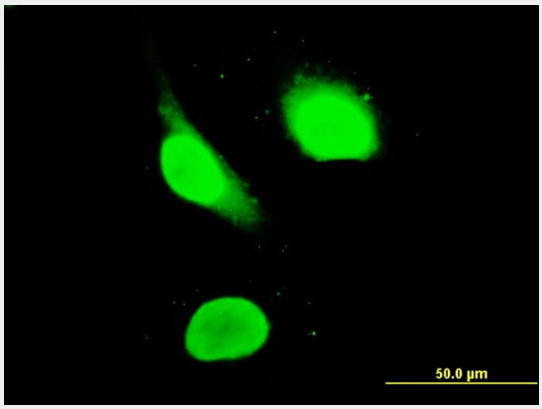
Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety

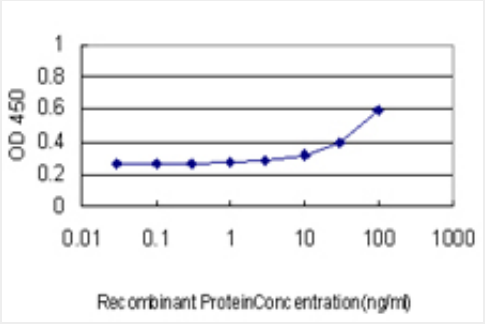
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- Cell Culture

ZNFN1A3 Antibody (monoclonal) (M02) - Images



Immunofluorescence of monoclonal antibody to IKZF3 on HeLa cell. [antibody concentration 10 ug/ml]



Detection limit for recombinant GST tagged IKZF3 is approximately 10ng/ml as a capture antibody.

ZNFN1A3 Antibody (monoclonal) (M02) - Background

This gene encodes a member of the Ikaros family of zinc-finger proteins. Three members of this protein family (Ikaros, Aiolos and Helios) are hematopoietic-specific transcription factors involved in the regulation of lymphocyte development. This gene product is a transcription factor that is important in the regulation of B lymphocyte proliferation and differentiation. Both Ikaros and Aiolos can participate in chromatin remodeling. Regulation of gene expression in B lymphocytes by Aiolos is complex as it appears to require the sequential formation of Ikaros homodimers, Ikaros/Aiolos heterodimers, and Aiolos homodimers. At least six alternative transcripts encoding different isoforms have been described.

ZNFN1A3 Antibody (monoclonal) (M02) - References

Analysis of Ikaros family splicing variants in human hematopoietic lineages. Matuli? M, et al. Coll Antropol, 2010 Mar. PMID 20432734.Differential aiolos expression in human hematopoietic subpopulations. Billot K, et al. Leuk Res, 2010 Mar. PMID 19540588.Primary biliary cirrhosis associated with HLA, IL12A, and IL12RB2 variants. Hirschfield GM, et al. N Engl J Med, 2009 Jun 11. PMID 19458352.Common genetic variation in candidate genes and susceptibility to subtypes of breast cancer. Mavaddat N, et al. Cancer Epidemiol Biomarkers Prev, 2009 Jan. PMID 19124506.Candidate gene/loci studies in cleft lip/palate and dental anomalies finds novel susceptibility genes for clefts. Vieira AR, et al. Genet Med, 2008 Sep. PMID 18978678.