

DEF6 Antibody (monoclonal) (M01)**Mouse monoclonal antibody raised against a full length recombinant DEF6.****Catalog # AT1749a****Specification**

DEF6 Antibody (monoclonal) (M01) - Product Information

Application	WB, IHC, IP, E
Primary Accession	Q9H4E7
Other Accession	BC017504
Reactivity	Human
Host	mouse
Clonality	Monoclonal
Isotype	IgG2a Kappa
Calculated MW	73910

DEF6 Antibody (monoclonal) (M01) - Additional Information**Gene ID** 50619**Other Names**

Differentially expressed in FDCP 6 homolog, DEF-6, IRF4-binding protein, DEF6, IBP

Target/Specificity

DEF6 (AAH17504, 1 a.a. ~ 336 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

IP~~N/A

E~~N/A

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

DEF6 Antibody (monoclonal) (M01) is for research use only and not for use in diagnostic or therapeutic procedures.

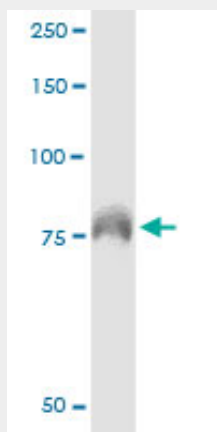
DEF6 Antibody (monoclonal) (M01) - Protocols

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

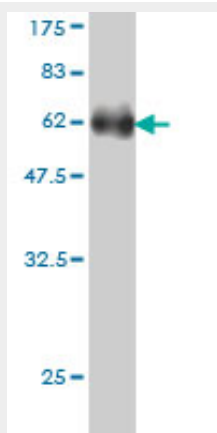
- [Western Blot](#)

- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

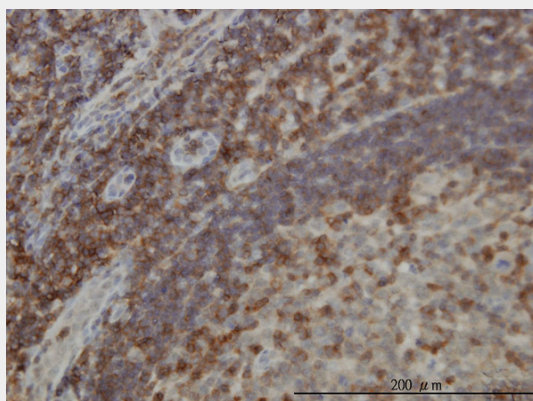
DEF6 Antibody (monoclonal) (M01) - Images



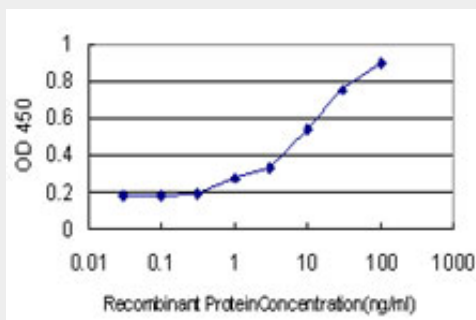
Immunoprecipitation of DEF6 transfected lysate using anti-DEF6 monoclonal antibody and Protein A Magnetic Bead ([U0007](#)), and immunoblotted with DEF6 monoclonal antibody.



Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (62.7 KDa) .



Immunoperoxidase of monoclonal antibody to DEF6 on formalin-fixed paraffin-embedded human lymph node [antibody concentration 3 ug/ml]



Detection limit for recombinant GST tagged DEF6 is approximately 1ng/ml as a capture antibody.

DEF6 Antibody (monoclonal) (M01) - Background

DEF6, or IBP, is a guanine nucleotide exchange factor (GEF) for RAC (MIM 602048) and CDC42 (MIM 116952) that is highly expressed in B and T cells (Gupta et al., 2003 [PubMed 12923183]).[supplied by OMIM]

DEF6 Antibody (monoclonal) (M01) - References

1.Def-6, a Novel Regulator of Small GTPases in Podocytes, Acts Downstream of Atypical Protein Kinase C (aPKC) ?/? .Worthmann K, Leitges M, Teng B, Sestu M, Tossidou I, Samson T, Haller H, Huber TB, Schiffer MAm J Pathol. 2013 Oct 3. pii: S0002-9440(13)00614-7. doi: 10.1016/j.ajpath.2013.08.026.