## RD SYSTEMS a biotechne brand

## Human IL-36α/IL-1F6 Antibody

Recombinant Monoclonal Rabbit IgG Clone # 1087K Catalog Number: MAB10783

DESCRIPTION	
Species Reactivity	Human
Specificity	Detects human IL-36 alpha/ IL-1F6 in direct ELISAs.
Source	Recombinant Monoclonal Rabbit IgG Clone # 1087K
Purification	Protein A or G purified from hybridoma culture supernatant
Immunogen	<i>E. coli-</i> derived human IL-36 alpha/IL-1F6 Lys6-Phe158 Accession # NP_055255
Formulation	Lyophilized from a 0.2 μm filtered solution in PBS with Trehalose. See Certificate of Analysis for details. *Small pack size (-SP) is supplied either Ivophilized or as a 0.2 μm filtered solution in PBS.

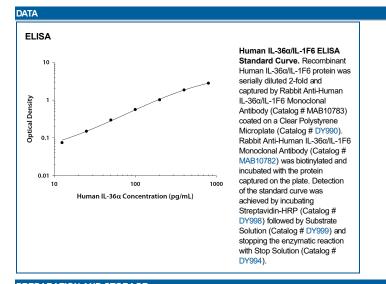
### APPLICATIONS

ELISA

Please Note: Optimal dilutions should be determined by each laboratory for each application. General Protocols are available in the Technical Information section on our website.

This antibody functions as an ELISA capture antibody when paired with Rabbit Anti-Human IL-36α/IL-1F6 Monoclonal Antibody (Catalog # MAB10782).

This product is intended for assay development on various assay platforms requiring antibody pairs. We recommend the Human IL-36 alpha/IL-1F6 DuoSet ELISA Kit (Catalog # DY1078-05) for convenient development of a sandwich ELISA.



PREPARATION AND STORAGE	
Reconstitution	Reconstitute at 0.5 mg/mL in sterile PBS.
Shipping	The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature recommended below. *Small pack size (-SP) is shipped with polar packs. Upon receipt, store it immediately at -20 to -70 °C
Stability & Storage	Use a manual defrost freezer and avoid repeated freeze-thaw cycles.
	<ul> <li>12 months from date of receipt, -20 to -70 °C as supplied.</li> </ul>
	<ul> <li>1 month, 2 to 8 °C under sterile conditions after reconstitution.</li> </ul>
	<ul> <li>6 months, -20 to -70 °C under sterile conditions after reconstitution.</li> </ul>

Rev. 3/7/2020 Page 1 of 2



Global bio-techne.com info@bio-techne.com techsupport@bio-techne.com TEL +1 612 379 2956 USA TEL 800 343 7475 Canada TEL 855 668 8722 China TEL +86 (21) 52380373 Europe | Middle East | Africa TEL +44 (0)1235 529449



# Human IL-36α/IL-1F6 Antibody

Recombinant Monoclonal Rabbit IgG Clone # 1087K Catalog Number: MAB10783

### BACKGROUND

Human IL-36 $\alpha$ , previously called IL-1F6 and FIL1 $\epsilon$  (family of IL-1 member epsilon), is a member of the IL-1 family which includes IL-1 $\beta$ , IL-1 $\alpha$ , IL-1

#### References:

- 1. Smith, D.E. et al. (2000) J. Biol. Chem. 275:1169.
- 2. Dunn, E. et al. (2001) Trends Immunol. 22:533.
- 3. Barksby, H.E. et al. (2007) Clin. Exp. Immunol. 149:217.
- 4. Dinarello, C. et al. (2010) Nat. Immunol. 11:973.
- 5. Martin, U. et al. (2009) J. Immunol. 183:4021.
- 6. Entrez Accession # EAW73614.
- 7. Towne, J.E. et al. (2004) J. Biol. Chem. 279:13677.
- 8. Blumberg, H. et al. (2010) J. Immunol. 185:4354.
- 9. Johnston, A. et al. (2011) J. Immunol. 186:2613.
- 10. Ichii, O. *et al.* (2010) Lab. Invest. **90**:459.

Rev. 3/7/2020 Page 2 of 2



Global bio-techne.com info@bio-techne.com techsupport@bio-techne.com TEL +1 612 379 2956 USA TEL 800 343 7475 Canada TEL 855 668 8722 China TEL +86 (21) 52380373 Europe | Middle East | Africa TEL +44 (0)1235 529449