

## OriGene Technologies, Inc.

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## Product datasheet for TA386073

## TNF alpha (TNF) Mouse Monoclonal Antibody [Clone ID: D2E7 (Adalimumab)]

## **Product data:**

Product Type:Primary AntibodiesClone Name:D2E7 (Adalimumab)Applications:BI, ELISA, IF, IHCReactivity:HumanHost:MouseIsotype:IgG2a, kappaClonality:MonoclonalImmunogen:This antibody was generated by affinity maturation from the 2SD4 scFv, which in turn was selected on human TNF alpha by guided phage-display technology, using the murine anti- hTNF alpha antibody Mab32 as a template (c.f. also US Patent 6090382).Specificity:Binds to soluble TNF-alpha, but not to lymphotoxin (TNF beta).Adalimumab binds specifically to TNF and neutralizes the biological function of TNF by blocking its interaction with the p55 and p75 cell surface TNF receptors. Adalimumab, unlike Infiximab (Ab00146), was shown to be cross-reactive with mouse TNF alpha (Arnoult 2017, PMID: 28584008).Formulation:PBS with 0.02% Proclin 300.Concentration:Iot specificStorage:Jease store at 4°C for up to 3 months. For longer storage, aliquot and store at -20°C. Avoid freeze and thaw cycles.Stability:Jease store at 4°C for up to 3 months. For longer storage, aliquot and store at -20°C. Avoid freeze and thaw cycles.Stability:Jease from dispatch.Gene Name:turn encrosis factorDatabase Link:Entrez Gene 7124 Human PO1375Synonyms:Cachectin; DIF; TNF-a; TNF-alpha; TNFA; TNFSF2		
Applications:BI, ELSA, IF, IHCReactivity:HumanHost:MouseIsotype:IgG2a, kappaClonality:MonoconalImmunogen:This antibody was generated by affinity maturation from the 2SD4 scFv, which in turn was selected on human TNF alpha by guided phage-display technology, using the murine anti- hTNF alpha antibody Mab32 as a template (c.f. also US Patent 6090382).Specificity:Binds to soluble TNF-alpha, but not to lymphotoxin (TNF beta).Adalimumab binds specifically to TNF and neutralizes the biological function of TNF by blocking its interaction with the p55 and p75 cell surface TNF receptors. Adalimumab, unlike Infiximab (Ab00146), was shown to be cross-reactive with mouse TNF alpha (Arnoult 2017, PMID: 28584008).Formulation:PBS with 0.02% Proclin 300.Concentration:Iot specificConjugation:UnconjugatedStorage:Please store at 4°C for up to 3 months. For longer storage, aliquot and store at -20°C. Avoid freeze and thaw cycles.Stability:3 years from dispatch.Gene Name:Linkr: Gene 7124 Human P01375	Product Type:	Primary Antibodies
Reactivity:HumanHost:MouseIsotype:IgG2a, kappaClonality:MonoclonalImmunogen:This antibody was generated by affinity maturation from the 2SD4 scFv, which in turn was selected on human TNF alpha by guided phage-display technology, using the murine anti- hTNF alpha antibody Mab32 as a template (c.f. also US Patent 6090382).Specificity:Binds to soluble TNF-alpha, but not to lymphotoxin (TNF beta).Adalimumab binds specifically to TNF and neutralizes the biological function of TNF by blocking its interaction with the p55 and p75 cell surface TNF receptors. Adalimumab, unlike Infliximab (Ab00146), was shown to be cross-reactive with mouse TNF alpha (Arnoult 2017, PMID: 28584008).Formulation:PBS with 0.02% Proclin 300.Concentration:Iot specificConjugation:UnconjugatedStorage:Please store at 4°C for up to 3 months. For longer storage, aliquot and store at -20°C. Avoid freeze and thaw cycles.Stability:3 years from dispatch.Gene Name:Limor necrosis factorDatabase Link:Entrez Gene 7124 Human P01375	Clone Name:	D2E7 (Adalimumab)
Host:MouseIsotype:IgG2a, kappaClonality:MonoclonalImmunogen:This antibody was generated by affinity maturation from the 2SD4 scFV, which in turn was selected on human TNF alpha by guided phage-display technology, using the murine anti- hTNF alpha antibody Mab32 as a template (c.f. also US Patent 6090382).Specificity:Binds to soluble TNF-alpha, but not to lymphotoxin (TNF beta).Adalimumab binds specifically to TNF and neutralizes the biological function of TNF by blocking its interaction with the p55 and p75 cell surface TNF receptors. Adalimumab, unlike nfliximab (Ab00146), was shown to be cross-reactive with mouse TNF alpha (Arnoult 2017, PMID: 28584008).Formulation:PBS with 0.02% Proclin 300.Concentration:Iot specific to uno jugatedStorage:Jease store at 4°C for up to 3 months. For longer storage, aliquot and store at -20°C. Avoid freeze and thaw cycles.Stability:3 years from dispatch.Gene Name:Limor necrosis factorDatabase Link:Entrez Gene 7124 Human pU375	Applications:	BI, ELISA, IF, IHC
Isotype:IgG2a, kappaClonality:MonoclonalImmunogen:This antibody was generated by affinity maturation from the 2SD4 scFv, which in turn was selected on human TNF alpha by guided phage-display technology, using the murine anti- TNF alpha antibody Mab32 as a template (c.f. also US Patent 6090382).Specificity:Binds to soluble TNF-alpha, but not to lymphotoxin (TNF beta).Adalimumab binds specifically to TNF and neutralizes the biological function of TNF by blocking its interaction with the p55 and p75 cell surface TNF receptors. Adalimumab, unlike Infliximab (Ab00146), was shown to be cross-reactive with mouse TNF alpha (Arnoult 2017, PMID: 28584008).Formulation:PBS with 0.02% Proclin 300.Concentration:Iot specificOnjugatein:UnconjugatedStorage:Please store at 4°C for up to 3 months. For longer storage, aliquot and store at -20°C. Avoid freeze and thaw cycles.Stability:3 years from dispatch.Gene Name:tumor necrosis factorDatabase Link:Entrez Gene 7124 Human PUI325	Reactivity:	Human
Clonality:MonoclonalImmunogen:This antibody was generated by affinity maturation from the 2SD4 scFv, which in turn was selected on human TNF alpha by guided phage-display technology, using the murine anti- hTNF alpha antibody Mab32 as a template (c.f. also US Patent 6090382).Specificity:Binds to soluble TNF-alpha, but not to lymphotoxin (TNF beta).Adalimumab binds specifically to TNF and neutralizes the biological function of TNF by blocking its interaction with the p55 and p75 cell surface TNF receptors. Adalimumab, unlike Infliximab (Ab00146), was shown to be cross-reactive with mouse TNF alpha (Arnoult 2017, PMID: 28584008).Formulation:PBS with 0.02% Proclin 300.Concentration:lot specificConjugation:UnconjugatedStorage:Please store at 4°C for up to 3 months. For longer storage, aliquot and store at -20°C. Avoid freeze and thaw cycles.Stability:3 years from dispatch.Gene Name:tumor necrosis factorDatabase Link:Entrez Gene 7124 Human P01375	Host:	Mouse
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<u>P01375</u>	Gene Name:	tumor necrosis factor
Synonyms: Cachectin; DIF; TNF-a; TNF-alpha; TNFA; TNFSF2	Database Link:	
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	TNF alpha (TNF) Mouse Monoclonal Antibody [Clone ID: D2E7 (Adalimumab)] – TA386073
Note:	This chimeric mouse antibody was made using the variable domain sequences of the original Human lgG1 format, for improved compatibility with existing reagents, assays and techniques.

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