

Product datasheet for **TA385958**

MCK10 (DDR1) Rabbit Monoclonal Antibody [Clone ID: 3000]

Product data:

Product Type:	Primary Antibodies
Clone Name:	3000
Applications:	BI, ELISA, WB
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG, kappa
Clonality:	Monoclonal
Immunogen:	Recombinant human DDR1 extracellular domain.
Specificity:	This antibody binds specifically to the extracellular domain of human DDR1.

This antibody binds to human Discoidin Domain Receptor 1, a receptor tyrosine kinase that functions as cell surface receptor for fibrillar collagen and regulates the attachment of the cell to the extracellular matrix. This receptor is required for blastocyst implantation during pregnancy, mammary gland differentiation as well as lactation. It promotes smooth muscle cell migration as well as tumour cell invasion. The antibody acts as an antagonist.

Formulation:	PBS with 0.02% Proclin 300.
Concentration:	lot specific
Conjugation:	Unconjugated
Storage:	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:	discoidin domain receptor tyrosine kinase 1
Database Link:	Entrez Gene 780 Human Q08345
Synonyms:	CAK; CD167; DDR; EDDR1; HGK2; MCK-10; MCK10; NEP; NTRK4; OTTHUMP00000029344; OTTHUMP00000029345; OTTHUMP00000029346; OTTHUMP00000029347; PTK3; PTK3A; RTK6; TRKE



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Note: This chimeric rabbit antibody was made using the variable domain sequences of the original Mouse IgG2a format, for improved compatibility with existing reagents, assays and techniques.