

## Product datasheet for TA328055

### CD46 Rat Monoclonal Antibody [Clone ID: TUG8]

#### Product data:

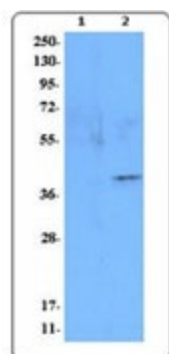
Product Type:	Primary Antibodies
Clone Name:	TUG8
Applications:	WB
Recommended Dilution:	WB
Reactivity:	Mouse
Host:	Rat
Isotype:	IgG2a
Clonality:	Monoclonal
Immunogen:	Recombinant GST-mouse mMCP-8 fusion protein expressed in E.coli
Formulation:	Phosphate-buffered solution, pH 7.2, containing 0.09% sodium azide.
Concentration:	lot specific
Purification:	The antibody was purified by affinity chromatography.
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Gene Name:	CD46 molecule
Database Link:	<a href="#">NP_758860</a> <a href="#">Entrez Gene 4179 Human P15529</a>
Background:	mMCP-8 and its rat homologues, rMCP-8, -9, and -10, form a new group of mast cell/basophil proteases, which are more closely related to the T-cell granzymes and neutrophil cathepsin G than to the mast cell tryptases and chymases. mMCP-8 showed a high degree of homology with mouse granzyme B in the critical regions for determining substrate cleavage specificity. It preferentially cleaves after Asp residues. mMCP-8 mRNA is highly expressed in a mouse connective tissue MC-like tumor line. However, it could not be detected in mouse liver, intestine, lung or ears, indicating very low expression in normal tissues. A strong increase in mMCP-8 levels in the lungs can be detected in infected animals.
Synonyms:	AHUS2; MCP; MIC10; TLX; TRA2.10


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**Protein Families:** Druggable Genome, Transmembrane

**Protein Pathways:** Complement and coagulation cascades

**Product images:**



Cell extracts from untransfected NIH/3T3 cells (lane 1) or NIH/3T3 cells transfected with a plasmid encoding mMCP-8-Flag tagged protein (lane 2), using anti-mMCP-8, clone TUG8.