

## Product datasheet for TA420156

### FCGR3A,FCGR3A,FCGR3B Mouse Monoclonal Antibody [Clone ID: KDI]

#### Product data:

<b>Product Type:</b>	Primary Antibodies
<b>Clone Name:</b>	KDI
<b>Applications:</b>	FC, FN
<b>Reactivity:</b>	Horse, Dolphin, Bovine, Pig, Sheep
<b>Host:</b>	Mouse
<b>Isotype:</b>	IgG2a
<b>Clonality:</b>	Monoclonal
<b>Immunogen:</b>	A polyclonal population of NK cells.
<b>Specificity:</b>	CD16
<b>Formulation:</b>	Phosphate buffered saline containing 0.09% Sodium Azide (NaN <sub>3</sub> ) <b>Label:</b> ALEXA FLUOR <sup>®</sup> 647,FITC,Preservative Free,Purified,RPE,StarBright Blue 700,StarBright Violet 440,StarBright Violet 515,StarBright Violet 570,StarBright Violet 610,StarBright Violet 670,StarBright Violet 710,StarBright Violet 790 <b>State:</b> Purified IgG prepared by affinity chromatography on Protein A from tissue culture supernatant Purified IgG - liquid
<b>Concentration:</b>	lot specific
<b>Conjugation:</b>	Unconjugated
<b>Storage:</b>	+4°C, -20°C if preferred
<b>Stability:</b>	Shelf life: one year from despatch.
<b>Database Link:</b>	<a href="#">O75015</a> , <a href="#">P08637</a> , <a href="#">P79107</a>



**Background:**

Mouse anti Human CD16 antibody, clone KD1 recognizes human CD16, a 50–65 kDa cell surface molecule, which is the low affinity receptor for IgG (FcR III). CD16 exists as a transmembranous form (Fc gammaRIIIA, or CD16A) and a glycosyl phosphatidylinositol (GPI) anchored form (Fc gammaRIIIB, or CD16B). CD16A is expressed by NK cells, some T cells, and macrophages (Moretta et al. 1990), whereas CD16B is primarily expressed by granulocytes (Bonecchi et al. 1999). Clone KD1 recognizes both forms of CD16 and will therefore recognize all cell types expressing CD16. Mouse anti Human CD16, clone KD1 can be used to identify CD16 in a range of species including bovine (Boysen et al. 2010) and ovine (Elhmouzi-Younes et al. 2010).

**Synonyms:**

FcRIII