

Product datasheet for **DDX0220A546-100**

IGSF6 Mouse Monoclonal Antibody [Clone ID: 104A10.01]

Product data:

Product Type:	Primary Antibodies
Clone Name:	104A10.01
Applications:	FC, WB
Recommend Dilution:	Flow Cytometry surface, Western Blot. Usage recommendation: *This monoclonal antibody may be used between 5-15 µg/ml. *Optimal dilution should be determined by each laboratory for each application. *Coupled antibody: to maintain RT before use.
Reactivity:	Canine, Human, Mouse
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Human recombinant DORA Ig fusion protein.
Specificity:	Human DORA. Species cross-reactivity: Mouse, Canine.
Formulation:	Purified: 100 µg in 200 µl / 50 µg in 100 µl Tris-NaCl pH 8. Coupled: 100 µg in 200 µl / 50 µg in 100 µl PBS 50% glycerol. Label: Alexa Fluor 546
Concentration:	0.5 mg/ml
Purification:	QMA Hyper D ion exchange chromatography
Conjugation:	Alexa Fluor 546
Gene Name:	immunoglobulin superfamily member 6
Database Link:	Entrez Gene 10261 Human



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Background:

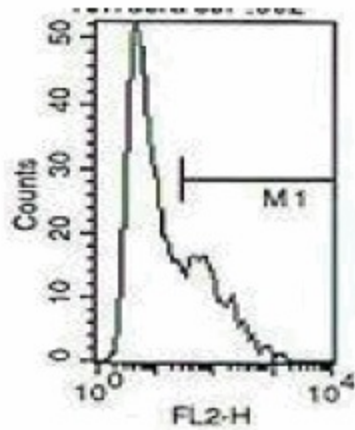
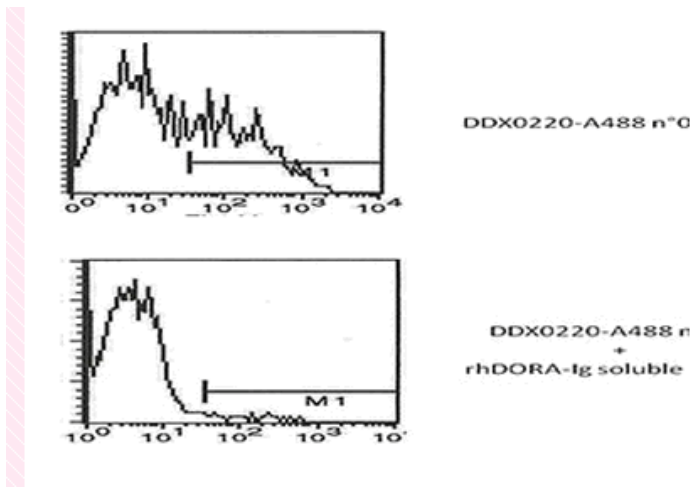
Using a cDNA subtraction technique, a novel member of the immunoglobulin superfamily was isolated from human dendritic cells (DCs). This cDNA, named DORA, for Down-Regulated by Activation encodes a protein belonging to the CD8 family of receptors containing a single V type loop domain with an associated J chain region, a transmembrane region containing an atypical tyrosine residue and a cytoplasmic domain containing three putative tyrosine phosphorylation sites. The human DORA gene has been mapped to chromosome 16. Expression is observed in DCs, purified ex vivo or generated in vitro from either monocytes or CD34+ progenitors, and down-regulated following activation by PMA and Ionomycin or by CD40L engagement.

(Bates EE et al, 2000; Immunogenetics, 52: 112-20; Bates EE et al, 1998; Mol. Immunology, 35: 513-24).

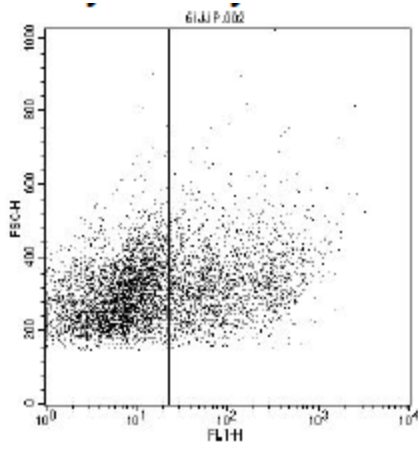
Synonyms:

DORA

Product images:



staining of murine DORA - transfected COP5 cells



FACS staining of humanDORA - transfected COP5 cells