

## Product datasheet for **TA353252L**

### Integrin alpha 3 (ITGA3) Mouse Monoclonal Antibody [Clone ID: IA3]

#### Product data:

Product Type:	Primary Antibodies
Clone Name:	IA3
Recommended Dilution:	FACS ; IHC ; Functional
Reactivity:	Human
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Transfected human breast epithelial cell line MTSV1-7, hygromycin resistant.
Formulation:	PBS with 0.02% Sodium Azide
Concentration:	lot specific
Purification:	Purified by affinity chromatography.
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Gene Name:	integrin subunit alpha 3
Database Link:	<a href="#">NP_005492</a> <a href="#">Entrez Gene 3675 Human</a> <a href="#">P26006</a>
Background:	Integrins are heterodimeric cell surface receptors composed of $\alpha$ and $\beta$ subunits, which mediate cell-cell and cell-extracellular matrix attachments. Aberrant integrin expression has been found in many epithelial tumours. Changes in integrin expression have been shown to be important for the growth and early metastatic capacity of melanoma cells. Integrin $\alpha 3$ is found on most cell types. Integrin $\alpha 3$ associates with $\beta 1$ integrin to form integrin $\alpha 3\beta 1$ , which is one of the most abundant keratinocyte integrins and binds laminin 5. IA3 is useful for studies on inhibition of cell-cell adhesion and cell-substrate adhesion.
Synonyms:	CD49C; GAP-B3; GAPB3; ILNEB; MSK18; VCA-2; VL3A; VLA3a
Protein Families:	Druggable Genome, Transmembrane



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**Protein Pathways:**

Arrhythmogenic right ventricular cardiomyopathy (ARVC), Dilated cardiomyopathy, ECM-receptor interaction, Focal adhesion, Hematopoietic cell lineage, Hypertrophic cardiomyopathy (HCM), Pathways in cancer, Regulation of actin cytoskeleton, Small cell lung cancer