

# Product datasheet for TA811863S

## ITM2A Mouse Monoclonal Antibody [Clone ID: OTI8F10]

### **Product data:**

Product Type:	Primary Antibodies
Clone Name:	OTI8F10
Applications:	IHC, WB
Recommended Dilution:	WB 1:500~2000, IHC 1:250
Reactivity:	Human, Mouse, Rat
Host:	Mouse
lsotype:	lgG1
Clonality:	Monoclonal
Immunogen:	Full length human recombinant protein of human ITM2A (NP_004858) produced in E.coli.
Formulation:	PBS (pH 7.3) containing 1% BSA, 50% glycerol and 0.02% sodium azide.
Concentration:	1 mg/ml
Purification:	Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G)
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	29.6 kDa
Gene Name:	integral membrane protein 2A
Database Link:	<u>NP_004858</u> <u>Entrez Gene 9452 Human</u> <u>O43736</u>
Background:	This gene encodes a type II membrane protein that belongs to the ITM2 family. Studies in mouse suggest that it may be involved in osteo- and chondrogenic differentiation. Alternatively spliced transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jan 2010]
Synonyms:	BRICD2A; E25A
Protein Families:	Transmembrane



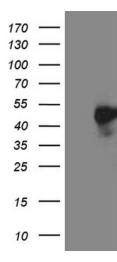
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#### **Product images:**



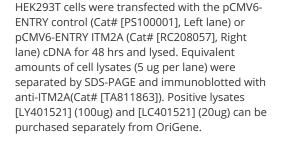
K562

170 — 130 — 100 — 70 — 55 —

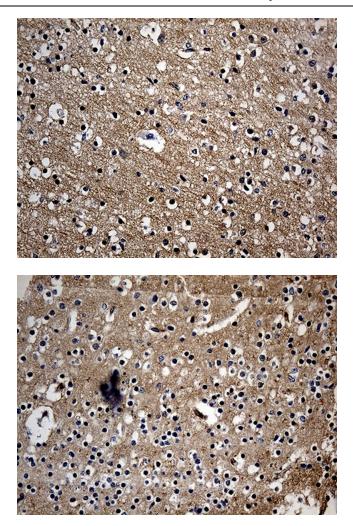
40 -

35 — 25 —

15 — 10 —



Western blot analysis of extracts (35ug) from cell lines and/or tissue lysates by using anti-ITM2A monoclonal antibody (1:500).

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Immunohistochemical staining of paraffinembedded Human adult brain tissue within the normal limits using anti-ITM2A mouse monoclonal antibody. (Heat-induced epitope retrieval by 1mM EDTA in 10mM Tris buffer (pH8.5) at 120°C for 3min, [TA811863]) (1:250)

Immunohistochemical staining of paraffinembedded Human embryonic cerebellum within the normal limits using anti-ITM2A mouse monoclonal antibody. (Heat-induced epitope retrieval by 1mM EDTA in 10mM Tris buffer (pH8.5) at 120°C for 3min, [TA811863]) (1:250)

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