

## Product datasheet for **TA803648M**

### IRAK2 Mouse Monoclonal Antibody [Clone ID: OTI4C1]

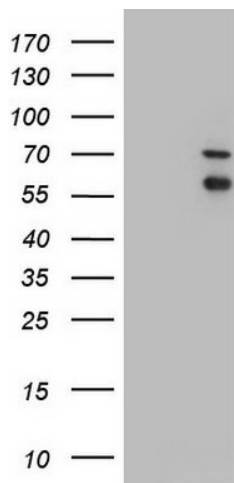
#### Product data:

Product Type:	Primary Antibodies
Clone Name:	OTI4C1
Applications:	IHC, WB
Recommended Dilution:	WB 1:2000, IHC 1:150
Reactivity:	Human
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Human recombinant protein fragment corresponding to amino acids 362-625 of human IRAK2 (NP_001561) 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.
Gene Name:	interleukin 1 receptor associated kinase 2
Database Link:	<a href="#">NP_001561</a> <a href="#">Entrez Gene 3656 Human</a> <a href="#">O43187</a>
Background:	IRAK2 encodes the interleukin-1 receptor-associated kinase 2, one of two putative serine/threonine kinases that become associated with the interleukin-1 receptor (IL1R) upon stimulation. IRAK2 is reported to participate in the IL1-induced upregulation of NF-kappaB. [provided by RefSeq, Jul 2008]
Synonyms:	IRAK-2
Protein Families:	Druggable Genome, Protein Kinase

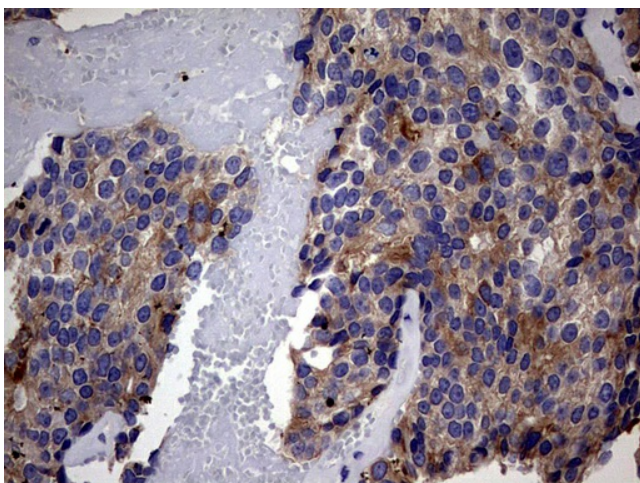
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**Protein Pathways:** Apoptosis, Neurotrophin signaling pathway

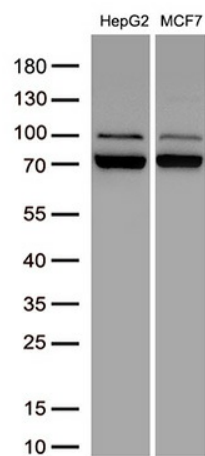
**Product images:**



HEK293T cells were transfected with the pCMV6-ENTRY control (Cat# [PS100001], Left lane) or pCMV6-ENTRY IRAK2 (Cat# [RC218437], Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-IRAK2(Cat# [TA803648]).



Immunohistochemical staining of paraffin-embedded Adenocarcinoma of Human breast tissue using anti-IRAK2 mouse monoclonal antibody. Heat-induced epitope retrieval by EDTA solution buffer pH 8.0 at 120°C for 3 min.



Western blot analysis of extracts (30ug per lane) from 2 cell lines lysates by using anti-IRAK2 monoclonal antibody ([TA803648], 1:500).