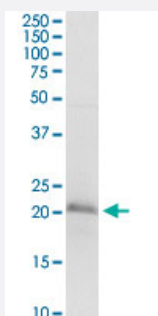


D4S234E monoclonal antibody (M01), clone 1C3

Catalog # H00027065-M01

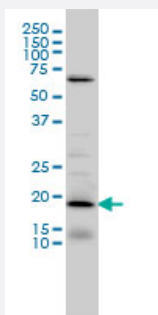
Size 100 ug

Applications



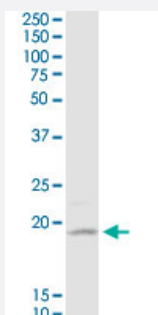
Western Blot (Tissue lysate)

D4S234E monoclonal antibody (M01), clone 1C3. Western Blot analysis of D4S234E expression in rat brain.



Western Blot (Cell lysate)

D4S234E monoclonal antibody (M01), clone 1C3 Western Blot analysis of D4S234E expression in IMR-32 (Cat # L008V1).

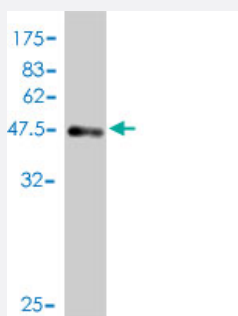
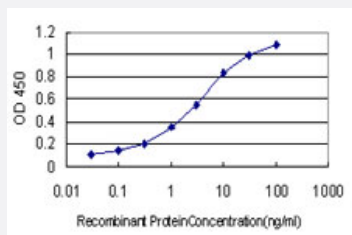


Western Blot (Cell lysate)

D4S234E monoclonal antibody (M01), clone 1C3. Western Blot analysis of D4S234E expression in PC-12.

Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged D4S234E is approximately 0.1ng/ml as a capture antibody.



Western Blot detection against Immunogen (46.09 KDa) .

Specification

Product Description	Mouse monoclonal antibody raised against a full length recombinant D4S234E.
Immunogen	D4S234E (AAH01745, 1 a.a. ~ 185 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	MVKLGNNFAEKGTKQPLLEDGFDTIPLMTPLDVNQLQFPPDPKVVVKTKTEYEPDRKKKGKARPPQIAEFTVSITEGVTERFKVSVLVLFALAF LTCVFLVVKVYKYDRACPDGFVLKNTQCIPEGLESY YAEQDSSAREKFYTVINHYNLAKQSITRSVSPWMSVLSEEK LSEQETEEAAEKSA
Host	Mouse
Reactivity	Human, Rat
Interspecies Antigen Sequence	Mouse (98); Rat (98)
Isotype	IgG1 kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (46.09 KDa) .
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Tissue lysate)

D4S234E monoclonal antibody (M01), clone 1C3. Western Blot analysis of D4S234E expression in rat brain.

[Protocol Download](#)

- Western Blot (Cell lysate)

D4S234E monoclonal antibody (M01), clone 1C3 Western Blot analysis of D4S234E expression in IMR-32 (Cat # L008V1).

[Protocol Download](#)

- Western Blot (Cell lysate)

D4S234E monoclonal antibody (M01), clone 1C3. Western Blot analysis of D4S234E expression in PC-12.

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged D4S234E is approximately 0.1ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

Gene Info — D4S234E

Entrez GeneID	27065
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GeneBank Accession#	BC001745
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Protein Accession#	AAH01745
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Gene Name	D4S234E
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Gene Alias	D4S234, NEEP21, NSG1, P21
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Gene Description	DNA segment on chromosome 4 (unique) 234 expressed sequence
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Omim ID	607645
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Gene Ontology

[Hyperlink](#)

Other Designations

OTTHUMP00000155127|OTTHUMP00000159148|brain neuron cytoplasmic protein 1|carboxyterminally EE-tagged neuron-enriched endosomal 21 kDa protein|neuron-specific protein

Publication Reference

- [D4S234E, a novel p53-responsive gene, induces apoptosis in response to DNA damage.](#)

Kudoh T, Kimura J, Lu ZG, Miki Y, Yoshida K.

Experimental Cell Research 2010 Oct; 316(17):2849.

Application: IF, WB-Ce, WB-Tr, Human, SaOS-2, U-2 OS cells