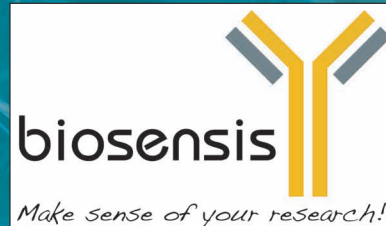


Explore the biomarker potential of p75



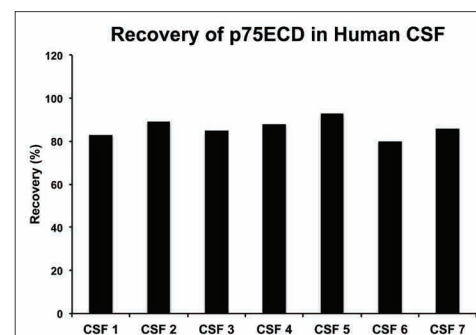
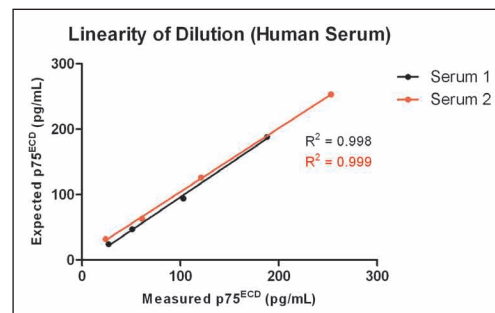
Human NGFR/p75^{ECD} ELISA Kit

Quantify p75^{ECD} With Highest Sensitivity

The NEW, Improved Human NGFR/p75^{ECD} *Rapid*TM ELISA Kit

- ✓ **Limit of detection ≤ 6 pg/mL** - The most sensitive human p75^{ECD} ELISA available.
- ✓ **Assay range of 7.8 - 500 pg/mL** - Quantify reliably low-abundant p75^{ECD}.
- ✓ **Fast assay** - Get your results in less than 4 hours without compromising on accuracy.
- ✓ **ELISA assay built on monoclonal antibodies** - Avoid inherent lot-to-lot variability of polyclonal assay antibodies for superior assay reproducibility.
- ✓ **Validated for multiple sample applications** - Serum, CSF and more.
- ✓ **Strip-well format** - Only use what you need for your experiments.
- ✓ **Complete kit** - With pre-coated plates, standards, buffers, heterophilic antibody blocker and precise instructions for highest reproducibility and accuracy.

Excellent dilutional linearity and recovery in human samples for accurate p75^{ECD} quantification ▶



Includes a Quality Control sample!

Our p75 Rapid ELISA Kits now include a Positive Quality Control to assure consistent assay performance.

The Extracellular Domain (ECD) of p75 – A Potential Biomarker for Neurodegenerative Diseases

The first indication that the NGF/p75 neurotrophin receptor could function as a useful biomarker of disease or trauma was published in 1988 by Johnson et al. (PMID: 2465632). Recent studies by Shephard et al. (2014 & 2017) have demonstrated the usefulness of p75, extracellular domain (p75^{ECD}) as a biomarker for monitoring Amyotrophic Lateral Sclerosis/Motoneuron Disease (ALS/MND) progression in humans (PMID: 24475283, 28228570). In Alzheimer's Disease (AD), altered p75^{ECD} levels were found in human CSF and blood (PMID: 28438600). This bodes well for both early diagnosis and drug development potential for NGFR/p75^{NTR}.

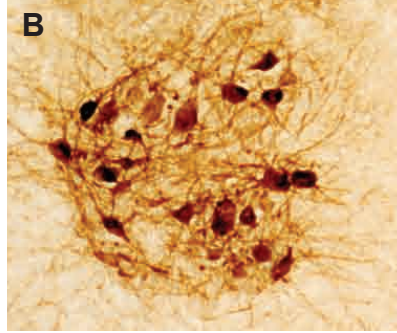
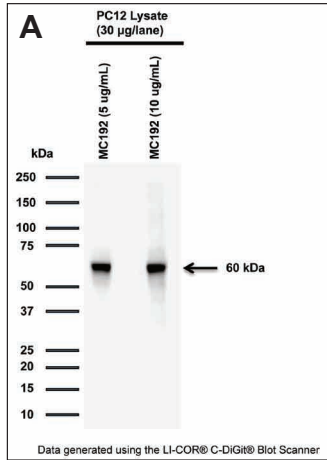
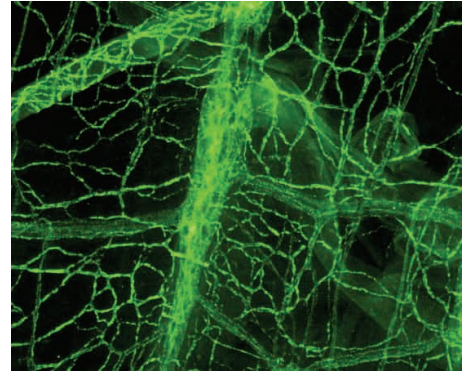
NGFR/p75 ^{ECD} <i>Rapid</i> TM ELISA Kits				
Target	Code (96 well)	Code (2 x 96 well)	Limit of Detection*	Range
Human NGFR/p75 ^{ECD}	BEK-2219-1P	BEK-2219-2P	≤ 6 pg/mL	7.8 - 500 pg/mL
Mouse NGFR/p75 ^{ECD}	BEK-2220-1P	BEK-2220-2P	≤ 40 pg/mL	62.5 - 4000 pg/mL

*Determined as p75^{ECD} concentration at blank OD + 3 x standard deviation of blank

Other Popular p75^{NTR} Research Reagents

Mouse monoclonal antibody to human p75^{NTR} [Clone MLR2] ▶

Immunofluorescent staining of p75^{NTR} in rat mesenteric nerves following in vivo intraperitoneal administration of Atto488-labelled MLR2 antibody.



◀ Mouse monoclonal antibody to rat p75^{NTR} [Clone MC192]

A: Western blot analysis of p75^{NTR} expression in PC12 cells; B: Immunohistochemical staining of p75^{NTR} in rat motor neurons on lesioned sciatic nerve.

p75^{NTR} Research Antibodies

Target	Host	Purity	Conjugate	Reactivity	Applications	Clone	Code
p75 ^{NTR}	Ms	IgG	Unconjugated	Hu, Ms, Rat, Gp	IHC, WB, IF, FACS, FLOW, Immunopanning	MLR2#	M-009-100
p75 ^{NTR}	Ms	IgG	Unconjugated	Rat	IHC, WB, IF, FACS, FLOW, IP	MC192#	M-006-100
p75 ^{NTR}	Ms	IgG	Unconjugated	Hu, Cat, Dog, Pig, Rb, Sh	IHC, WB, IF, FACS, FLOW	Me20.4#	M-011-100
p75 ^{NTR}	Rb	Ws	Unconjugated	Hu, Rat	IHC, IF	N/A	R-089-100
Sortilin	Rb	Ws	Unconjugated	Hu, Rat, Ms	IHC	N/A	R-150-100

#Also available as FITC and Atto488 conjugates for IHC, IF, FACS and FLOW

p75^{NTR} Research Proteins

Protein	Expression System	Amino Acids	Quantity	Code
Human p75 ^{NTR} -Fc Chimera	Mammalian (HEK293)	1-237	15 µg	PE-1237-15
Human p75 ^{NTR} -Fc Chimera	Mammalian (HEK293)	1-237	25 µg	PE-1237-25
Human p75 ^{NTR} -Fc Chimera	Mammalian (HEK293)	1-250	25 µg	PE-1237-25
Human p75 ^{NTR} -Fc Chimera	Mammalian (CHO)	1-224	25 µg	PE-1704-25

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