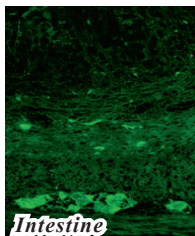
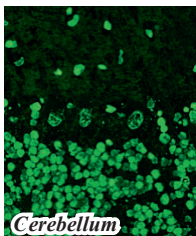


Anti-Hu, Yo, Ri, AQP-4/ NMO 항체검사

중양의 예후 인자! 부종양 증후군! 면역형광염색방법의 Anti-Hu, Yo, Ri 항체 검사

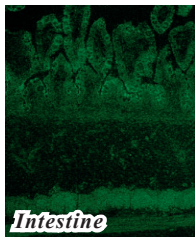
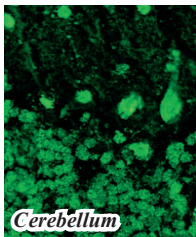
Anti-Hu (ANNA-1)

관련 질환: 뇌척수염,
아급성 감각 신경병증,
신경병변
관련 증상: 소세포폐암,
신경아세포종



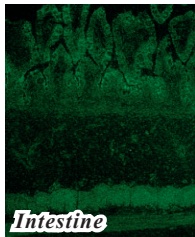
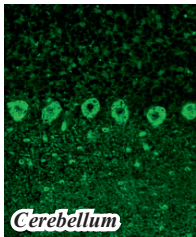
Anti-Ri (ANNA-2)

관련 질환:
opsoclonus myoclonus
syndrome
관련 증상: 소세포폐암,
유방암



Anti-Yo (PCA-1)

관련 질환: 소뇌 퇴화
관련 증상: 난소암,
유방암, 자궁암

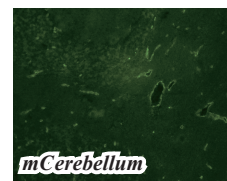


시신경 척수염 및 다발성 경화증 특이 혈청 NMO-IgG/AQP4 항원 검사

NMO-IgG/ Aquaporin4

관련 질환 Neuromyelitis optica (Denies's syndrome)
Opticospinal multiple sclerosis

참고문헌 시신경 척수염 진단에 91~100% 민감도 보고
Jarius et al. 2007, Marignier R et al.2008, Zuliani L.2006



	Panel	n	rIFA AQP4-Ab	IHC MO-IgG
NMO spectrum disorders	Neuromyelitis optica	32	78%	66%
	Longitudinally extensive transverse myelitis	12	67%	67%
	Recurrent optic neuritis	5	20%	0%
	Optic neuritis/non-extensive transverse myelitis	2	100%	50%
	Total	51	71%	59%
Controls	Multiple sclerosis	66	0%	2%
	Other neurological diseases	23	0%	0%
	Healthy controls	100	0%	0%
	Total	189	0%	59%

BIOCHIP combination

- Cerebellum, cerebrum, nervus opticus, AQP-4, non-transfected cells

Flow Chart for paraneoplastic syndrome diagnosis

