

updated

04.11.10

CROSS REACTIVITY

Clone Id	Isotype	Specificity by immunoblotting	Rye (Secalin)	Monococccum	Oat (Avenin)	Barley (Hordein)	Corn (Zein)	Remark	suggested epitope group
XGY1	IgG1	alpha, beta, gamma, omega	+	++	selected*	++	neg	optimized for HRPO labelling, used in K380 Gliadin EIA	repeating epitopes
XGY2	IgG2a	alpha, beta, gamma?	weak	++	neg	weak	neg	not suitable for HRPO labelling by periodate	group A
XGY3	IgG1	non reactive in our method	neg	++	neg	selected*	neg	prefers <i>aestivum</i> wheat	group N
XGY4	IgG1	gamma, omega	++	++	selected*	++	neg		group N+1
XGY5	IgG1	non reactive in our method	+	++	neg	+	neg		group 1C
XGY6	IgG1	omega, gamma?	++	++	selected*	++	neg	available as HRPO conjugate, used in K380 Gliadin EIA	repeating epitopes
XGY7	IgG1	(beta), gamma, omega	+	++	neg	+	neg		group 1C
XGY8	IgG1	beta, alpha?	+	+	neg	+	neg		group B
XGY9	IgG1	beta, gamma	++	++	neg	++	neg		group 1C
XGY10	IgG1	gamma	neg	++	selected*	weak	neg		group N+2
XGY11	IgG1	alpha, beta, gamma	++	++	weak	+	weak		group A
XGY12	IgG1	alpha, beta, gamma, omega	neg	++	neg	selected*	neg		group A
XGY13	IgM	(gamma), omega	+	++	weak	weak	+	recognizes zein	group N+3
XGY14	IgG1	alpha, beta, gamma, (omega)	neg	++	weak	selected*	neg		group B
XGY15	IgG1	omega	neg	++	neg	+	neg		group N+4
XGY16	IgG1	gamma, omega	weak	++	selected*	++	neg		group B
XGY17	IgG1	gamma, (omega)	weak	++	weak	+	neg		group 1C
XGY18	IgG1	beta, gamma	+	++	selected*	+	neg		group2C
XGY19	IgG1	beta, gamma, (omega)	++	++	weak	++	weak		group2C
XGY20	IgG1	beta?, omega? WEAK	++	neg	neg	selected*	weak	Non reactive against DURUM wheat; conformation epitope; used in K381 <i>Durum</i> EIA	group N+5

selected means variable
* within the species